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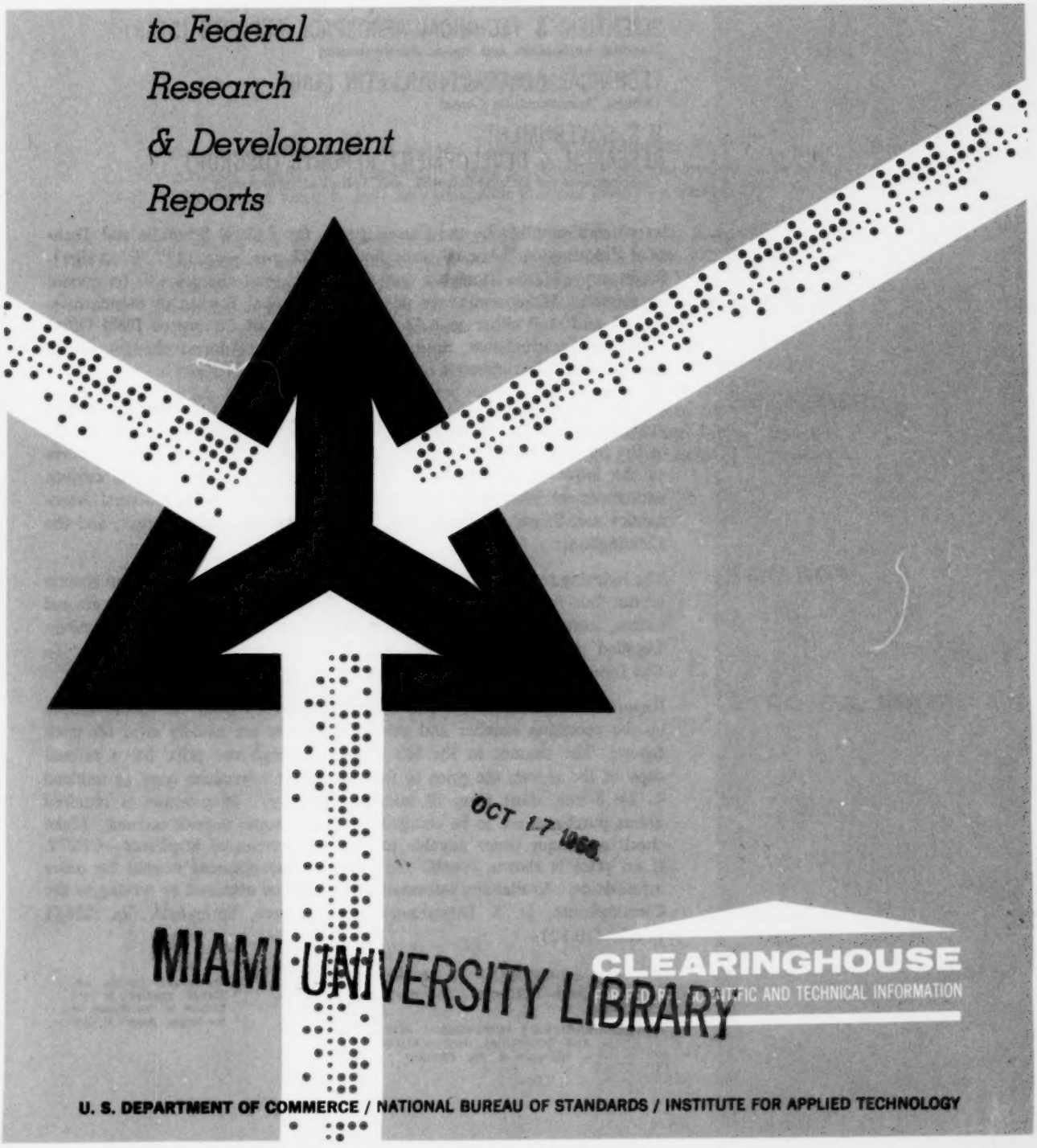
August 10, 1966

GOVERNMENT-WIDE INDEX

to Federal Research & Development Reports



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Government-Wide

INDEX TO FEDERAL RESEARCH AND DEVELOPMENT REPORTS

UNCLASSIFIED REPORTS ANNOUNCED IN

NUCLEAR SCIENCE ABSTRACTS (NSA)
Atomic Energy Commission

SCIENTIFIC & TECHNICAL AEROSPACE REPORTS (STAR)
National Aeronautics and Space Administration

TECHNICAL ABSTRACT BULLETIN (TAB)
Defense Documentation Center

U.S. GOVERNMENT
RESEARCH & DEVELOPMENT REPORTS (USGRDR)
Clearinghouse for Federal Scientific and Technical Information

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PURPOSE

Government-Wide Index is published to satisfy a need for a single reference guide to new unclassified Government-sponsored research and development in the physical sciences, engineering, and related technology. It also serves as the index to *USGRDR*. It is compiled from records of the current announcement journals of the Atomic Energy Commission, National Aeronautics and Space Administration, Defense Documentation Center, and the Clearinghouse.

FORMAT

The indexing records related to Government research and development reports of the four journals are merged under the five indexes of subject, personal author, corporate author, accession/report number, and contract number. Detailed instructions for using each index are presented under "How To Use Indexes" following the foreword.

TO ORDER REPORTS

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U.S. DEPARTMENT OF COMMERCE
John T. Connor, Secretary

CLEARINGHOUSE FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION
Bernard M. Fry, Director

Use of funds for this publication approved by the Director of the Bureau of the Budget, January 27, 1965

FOREWORD

Government-Wide Index to Federal Research & Development Reports provides a guide to unclassified reports of Government-sponsored research and development listed in four announcement journals issued by Federal agencies.

It is impossible at this time to eliminate all format errors, inconsistencies or duplications in the cataloging and indexing, but the agencies are attempting to correct as many exceptions at the source as possible. These agencies are working with a task group of the Committee on Scientific and Technical Information to develop improved standards.

The Clearinghouse is striving to improve the content and format of *Government-Wide Index* so that it will become increasingly valuable to the general public as a reference tool and order guide. Comments and suggestions for improvement are invited and should be directed to the Clearinghouse for Federal Scientific and Technical Information (Code 410.40), U. S. Department of Commerce, Springfield, Va. 22151.

HOW TO USE

The access points to technical reports listed in this index include:

- Subject
- Personal Author
- Corporate Author
- Contract Number
- Accession/Report Number

Each index is arranged alphnumerically (that is, alphabetical data precedes numerical data). A typical entry is as follows:

ACOUSTIC EQUIPMENT(a)
INSTRUMENT FOR ACOUSTIC AND VIBRATION MEASUREMENTS.(b)
AD–627 041(c) 20A(d) T 66 05(e) HC$ 3.00 MF$ 0.75(f)

(a) Index entry.

(b) Title of report.

(c) Accession/report number—that number used by the announcing agency to uniquely identify the report. Use THIS number and title when ordering documents from the Clearinghouse.

(d) Field/group designation.

(e) Code for journal, volume, and issue number in which the report is announced and abstracted.

U—U. S. Government Research & Development Reports, Clearinghouse for Federal Scientific and Technical Information.

T—Technical Abstract Bulletin, Defense Documentation Center of the Department of Defense.

N—Nuclear Science Abstracts, Atomic Energy Commission.

S—Scientific and Technical Aerospace Reports, National Aeronautics and Space Administration.

(f) Clearinghouse prices for hardcopy (HC) and microfiche (MF).

INDEXES

● SUBJECT INDEX

Entries are arranged by the subject terms assigned by the contributing agency (this means "asterisked" descriptors for USGRDR entries, subject headings for STAR and NSA). The subject term appears at the beginning of each entry. The title of the report is indented below the subject term. For NSA entries, the "modifier" which is assigned by AEC is used in place of the title. The "accession number" line giving field/group, journal, and price information for the report follows the last line of the title. If two or more reports are indexed under the same subject term, they are listed in accession number sequence under the term (separated by a blank line). If two or more reports under a subject term have identical titles, the title is printed once and the different accession number lines are printed below the title.

SAMPLES

```
ALKALINE CELLS, STORAGE BATTERIES
  DEVELOPMENT OF THE SEALED ZINC-SILVER OXIDE SECONDARY
  BATTERY SYSTEM.
  AD-499 798                          10C U 91 09 HC$ 3.00

  AD-497 824                          10C U 91 09 HC$ 3.00

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    .
GUIDED MISSILES, RELIABILITY
  RELIABILITY MEASUREMENTS IN GUIDED MISSILES.
  AD-626 799                          16D T 66 09 HC$ 2.00 MF$ 0.50

  ELIMINATION OF SUBSTANDARD PARTS BY ENVIRONMENTAL TESTING.
  AD-626 842                          16D T 66 09 HC$ 1.00 MF$ 0.50
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● PERSONAL AUTHOR INDEX

Entries are arranged by personal author, editor, or compiler. The names are presented last name first. Title of the report (or reports) is indented below the author's name. The "accession number" line follows the title. Certain anomalies occur when sorting by computer. While true for all indexes in this journal, they are most noticeable in the Personal Author Index. The requirements of a computer sort cause "JOHNS, J.I." to appear after "JOHNSON, F.X." (the comma sorts after the O in son"), but "SMITH-JONES, A.B." will appear ahead of "SMITHERS, P.P." (the hyphen sorts ahead of the E in SMITHERS).

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ADEL, ARTHUR
  EFFECTIVE RADIATION TEMPERATURES OF THE OZONOSPHERE OVER NEW
  MEXICO.
  AD-626 690                          4A T 66 09 HC$ 2.00 MF$ 0.50

ADEN, A. L.
  BACK-SCATTERING OF ELECTROMAGNETIC WAVES FROM SPHERES AND
  SPHERICAL SHELLS.
  AD-626 688                          20N T 66 09 HC$ 2.00 MF$ 0.50
```

● CORPORATE AUTHOR

Entries are arranged by the corporate author of each report as catalogued by the contributing agency. Title of the report (or reports) is identified below the corporate author and the "accession number" line follows the title. Some inconsistencies appear. However, as the new corporate authority list prepared by the President's Council on Scientific and Technical Information (COSATI) comes into general use among the contributing agencies, it is expected that all entries for a given organization will appear under a common heading in this index.

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BATTELLE-NORTHWEST, RICHLAND, WASH. PACIFIC NORTHWEST LAB.
  PROMETHIUM ISOTOPIC POWER DATA SHEETS.
  BNWL-C-45                           18N U 91 09 HC$ 1.00 MF$ 0.50

  SELECTIVE AND SENSITIVE ANALYSIS OF ACTIVATION PRODUCTS BY
  MULTIDIMENSIONAL GAMMA RAY SPECTROMETRY.
  BNWL-SA-137                         18G U 91 09 HC$ 2.00 MF$ 0.50

A STUDY OF TUNGSTEN-TECHNETIUM ALLOYS.
BNWL-141                              11F U 91 09 HC$ 1.00 MF$ 0.50

BNWL-142                              11F U 91 09 HC$ 1.00 MF$ 0.50
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● CONTRACT NUMBER INDEX

Entries are arranged alphnumerically by contract number and by grant number. Accession numbers appear in sequence with field/group, journal, and price information indented below the appropriate contract or grant number. Report titles are not included in this index.

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CONTRACT AF04(695)-269
  AD-499 404                          22C U 91 09 HC$ 6.00
CONTRACT AF04(695)-517
  AD-626 769                          22D T 66 09 HC$ 7.00 MF$ 1.75
  AD-626 766                          22D T 66 09 HC$ 6.00 MF$ 1.25
  AD-626 767                          22D T 66 09 HC$ 7.70 MF$ 2.00
  AD-626 768                          22D T 66 09 HC$ 9.00 MF$ 1.00
  AD-626 769                          22D T 66 09 HC$ 6.00 MF$ 1.25
CONTRACT AF19(122)-98
  AD-626 678                          9B T 66 09 HC$ 3.00 MF$ 0.75

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GRANT PHS-MH-10302
  PB-169 002                          6C U 91 09 HC$ 1.00 MF$ 0.50
  PB-169 003                          6C U 91 09 HC$ 1.00 MF$ 0.50
GRANT PHS-PH-43-64-496
  PB-168 936                          6L U 91 09 HC$ 2.00 MF$ 0.50
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● ACCESSION/REPORT NUMBER INDEX

Entries are arranged alphnumerically by accession number assigned by the contributing agency and by technical report and monitoring agency number. Some reports have more than one number. All reports covered in this index are represented by at least one unique number. Accession numbers appear in sequence with field/group, journal, and price information on the same line; other numbers associated with the report appear in sequence followed by an indented "accession number" line. Report titles are not included in this index.

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ANL-7082                              18I U 91 09 HC$ 3.00 MF$ 0.75
ANL-7085                              18D U 91 09 HC$ 1.00 MF$ 0.50
APA-PSIEP-10-15
  PB-169 005                          9J U 91 09 HC$ 6.00 MF$ 1.50
APDA-168                              18J U 91 09 HC$ 2.00 MF$ 0.50
APL/JHU-TG-295-3
  PB-169 125                          16D U 91 09 HC$ 2.00 MF$ 0.50
ARL 69-129
  AD-626 938                          20I T 66 09 HC$ 4.00 MF$ 0.75
ARL 69-135
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GOVERNMENT-WIDE INDEX TO FEDERAL R AND D REPORTS
Volume 2 Number 9

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ALASKA, GEOGRAPHY
A HUMAN GEOGRAPHICAL STUDY IN NORTHWEST ALASKA.
PNE-444 8F U 41 15 HC$ 5.00 MF$ 1.00

ALDEHYDES, POLYMERS
THE USE OF POLYMER UNZIPPING FOR THE DETECTION OF BIOLOGICALLY ACTIVE AGENTS.
AD-467 436 15B U 41 15 HC$ 3.60 MF$ 0.50

ALGEBRAS, GROUPS(MATHEMATICS)
CONJUGACY CLASSES IN LIE ALGEBRAS AND ALGEBRAIC GROUPS.
AD-634 734 12A T 66 15 HC$ 1.00 MF$ 0.50

ALKALI METALS, SOLUTIONS
STRUCTURE MAKERS AND BREAKERS IN WATER: PRESSURE-INDUCED CHANGES IN THE HYDRATION ATMOSPHERES OF IONS IN SOLUTION,
AD-449 831 7D U 41 15 HC$ 2.60

ALKANES, ACOUSTIC PROPERTIES
ABSORPTION OF SOUND NEAR THE CRITICAL POINT OF THE NITROBENZENE-ISO-OCTANE SYSTEM,
AD-634 578 7D T 66 15

ALKYNES, CHEMICAL REACTIONS
THE PREPARATION OF DIARYLCYCLOPROPENONES BY THE REACTION OF PHENYLMERCURY WITH DIARYLACETYLENES,
AD-634 581 7C T 66 15

ALLOYS, IMPURITIES
INFLUENCE OF IMPURITIES AND RARE-EARTH ELEMENTS ON THE PROPERTIES OF ALLOYS,
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ALLOYS, MATHEMATICAL MODELS
LOCAL ORDER FOR TERNARY MATERIALS IN A CRYSTAL.
AD-634 486 20L T 66 15 HC$ 3.00 MF$ 0.75

ALL-WEATHER AVIATION, CLEAR AIR TURBULENCE
TECHNIQUES FOR DETERMINING A WORLD-WIDE CLIMATOLOGY OF TURBULENCE THROUGH USE OF METEOROLOGICAL DATA.
AD-634 154 4B T 66 15 HC$ 3.00 MF$ 0.75

ALPHA PARTICLE DETECTORS, SUPERCONDUCTORS
SUPERCONDUCTING THIN-FILM NUCLEAR-PARTICLE DETECTORS,
AD-634 684 18D T 66 15 HC$ 1.00 MF$ 0.50

ALUMINUM ALLOYS, METAL JOINTS
THE USE OF PINS WITH FLATS TO INCREASE THE FATIGUE LIFE OF ALUMINUM ALLOY LUGS.
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ALUMINUM ALLOYS, RIVETED JOINTS
RESEARCH ON CUMULATIVE DAMAGE IN FATIGUE OF RIVETED ALUMINUM ALLOY JOINTS,
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ALUMINUM COMPOUNDS, CRYSTAL STRUCTURE
THE STRUCTURES OF THE ALUMINUM CARBONITRIDES.II.
AD-634 572 20B T 66 15

ALUMINUM, IMPURITIES
DETERMINATION OF METALLIC IMPURITIES IN ALUMINUM BY X-RAY FLUORESCENCE,
K-1638 7D U 41 15 HC$ 2.00 MF$ 0.50

ALUMINUM, SONAR TARGETS
ECHOES FROM HOLLOW ALUMINUM SPHERES IN WATER,
AD-634 546 17A T 66 15 HC$ 2.00 MF$ 0.50

AMINES, ACCELERATION TOLERANCE
CATECHOL AMINE MEASUREMENTS ASSOCIATED WITH AUTONOMIC-LABYRINTHINE RESPONSES IN MAN EXPOSED TO POSITIVE (+GZ) ACCELERATION.
AD-634 519 6S T 66 15 HC$ 1.00 MF$ 0.50

AMMETERS, CALIBRATION
INDICATING INSTRUMENTS: VOLTAGE/CURRENT-AC/DC.
PB-169 992 14B U 41 15 HC$ 1.10 MF$ 0.50

AMMETERS, TEST EQUIPMENT(ELECTRONICS)
AC-DC METER CALIBRATOR: MODEL 33 (RADIO FREQUENCY LABORATORIES, INC.).
PB-169 996 14B U 41 15 HC$ 1.60 MF$ 0.50

AMMONIA, FUELS
THE THEORY OF OPERATION OF AN AMMONIA BURNING INTERNAL COMBUSTION ENGINE,
AD-634 681 21D T 66 15 HC$ 1.00 MF$ 0.50

AMMONIA, SOLUTIONS

STABLE DENSE COLD PLASMA.
AD-417 361 20I U 41 15 HC$ 6.60

AMPLIFIERS, SEMICONDUCTOR DEVICES
IS AN AMPLIFIER REALIZABLE WHICH USES THE NEGATIVE MASSES OF SEMICONDUCTOR HOLES,
AD-634 426 20L T 66 15 HC$ 1.00 MF$ 0.50

ANCHORS(STRUCTURAL), MILITARY ENGINEERING
RAPID EMPLACEMENT AND RETRIEVING DEVICE FOR GROUND STAKES SP 112/G AND GP-113/G.
AD-427 305 13M U 41 15 HC$19.00

ANISOTROPY, HYDROFORMING(MECHANICAL)
ANISOTROPY AND ITS RELATIONSHIP TO DEEP DRAWING OF A 5% CR TOOL STEEL (H-11) FOR THE HAWK MISSILE,
AD-634 669 13H T 66 15 HC$ 1.00 MF$ 0.50

ANISOTROPY, SOLIDS
THE MECHANICAL ANISOTROPY OF SOLIDS DURING DEFORMATION,
PB-169 081 20K U 41 15 HC$ 2.00 MF$ 0.75

ANOPHELES, SOUTHEAST ASIA
ANOPHELES VECTORS OF MALARIA IN SOUTHEAST ASIA,
AD-634 683 6C T 66 15 HC$ 1.00 MF$ 0.50

ANTENNA ARRAY
SATURN ANTENNA SYSTEMS, SA-5, VOLUME 3,
N66-16070 9F U 41 15 HC$ 6.00 MF$ 1.50

ANTENNA CONFIGURATIONS, ANTENNA RADIATION PATTERNS
SOLUTION OF APERTURE DISTRIBUTION FOR A GIVEN FIELD PATTERN,
AD-634 759 20N T 66 15 HC$ 2.00 MF$ 0.50

ANTENNA CONFIGURATIONS, SATELLITE TRACKING SYSTEMS
STUDY OF ANTENNA AXIS CONFIGURATIONS FOR SATELLITE TRACKING AND CONTINUED STUDY OF TRANSPORTABLE ANTENNA SYSTEMS. VOLUME I.
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STUDY OF ANTENNA AXIS CONFIGURATIONS FOR SATELLITE TRACKING AND CONTINUED STUDY OF TRANSPORTABLE ANTENNA SYSTEMS VOLUME II.
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SOLUTION OF APERTURE DISTRIBUTION FOR A GIVEN FIELD PATTERN,
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THE VOLUME COMMON TO TWO INTERSECTING RADAR BEAMS,
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ANTENNA POINTING REQUIREMENTS FOR SATELLITE TRACKING.
AD-634 155 9E T 66 15 HC$ 2.00 MF$ 0.50

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AD-453 197 9E U 41 15 HC$11.60

ANTENNAS, TESTS
ANTENNA GROUP AN/TLA-8(XE-2).
AD-268 358 9F U 41 15 HC$12.60

ANTHRACENES, IONIZATION
DELAYED IONIZATION OF EXCITED PHENANTHRENE AND ANTHRACENE IN SOLUTION,
AD-634 573 7D T 66 15

ANTHROPOMETRY, AVIATION PERSONNEL
COCKPIT DESIGN STUDIES; STANDARD COCKPIT MOCKUP; SELECTION OF SUBJECTS FOR AIRCREW STATION DESIGN EXPERIMENTATION,
PB-169 222 5E U 41 15 HC$ 1.00 MF$ 0.50

ANTHROPOMETRY, STATISTICAL ANALYSIS
ANTHROPOMETRY OF AIR TRAFFIC CONTROL TRAINEES,
PB-169 870 6N U 41 15 HC$ 2.60 MF$ 0.50

ANTIGENS + ANTIBODIES, RABBITS
PRECIPITIN RESPONSE TO HUMAN SERUM BY A RABBIT POPULATION. VARIATION IN RESPONSE OF NORMAL RABBITS TO A PRIMARY SERIES OF INJECTIONS.
AD-634 142 6E T 66 15 HC$ 1.00 MF$ 0.50

ANTIGEN-ANTIBODY REACTIONS, MATHEMATICAL MODELS
MODELS FOR ANTIBODY ATTACHMENT TO VIRUS AND BACTERIOPHAGE.
AD-634 306 6M T 66 15 HC$ 1.00 MF$ 0.50

ANTIMISSILE DEFENSE SYSTEMS, STATE-OF-THE-ART REVIEWS
ANTIMISSILE WARFARE,
AD-634 377 15C T 66 15 HC$ 3.00 MF$ 0.75

APOLLO PROJECT
DESIGN ANALYSIS - UNIFIED S-BAND SYSTEM FOR APOLLO NETWORK, VOLUME 1, PARTS I AND II.
N66-14528 9F U 41 15 HC$ 7.00 MF$ 1.75

ARCTIC REGIONS, SYMPOSIA
COLD REGIONS RESEARCH AND DEVELOPMENT SYMPOSIUM, HANOVER, NEW HAMPSHIRE, MARCH 17-18, 1964.
AD-634 471 8L T 66 15 HC$ 5.00 MF$ 1.00

ARGON, PLASMA PHYSICS
THE SURFACE RESISTANCE OF HIGH-CURRENT MICROWAVE DISCHARGES IN ARGON,
AD-403 653 20I U 41 15 HC$ 5.60

ARMED FORCES OPERATIONS, OPTIMIZATION
THE ANALYTICAL BASES OF SYSTEMS ANALYSIS,
AD-634 512 14A T 66 15 HC$ 1.00 MF$ 0.50

ARMED FORCES(FOREIGN), USSR
THE IMPACT OF MODERN TECHNOLOGY ON THE SOVIET OFFICER CORPS,
AD-634 259 5I T 66 15 HC$ 1.00 MF$ 0.50

ARMOR, HELICOPTERS
DESIGN STUDY AND FABRICATION OF TWO INTERCHANGEABLE UH-1 AIRCREW ARMOR SYSTEMS.
AD-634 525 19D T 66 15 HC$ 2.00 MF$ 0.50

ARMY PERSONNEL, JUNGLES
HUMAN FACTORS ASPECTS OF THE QM-EQUIPPED SOLDIER IN JUNGLE OPERATIONS: AN OPERATIONAL APPROACH.
AD-634 720 15E T 66 15 HC$ 3.00 MF$ 0.75

ARMY RESEARCH, DOCUMENTATION
EDIS TASK I REPORT, WORK UNIT 1.2, CATEGORIZATION OF AVAILABLE DATA AND INFORMATION.
AD-634 321 5B T 66 15 HC$ 8.90 MF$ 2.50

EDIS TASK I REPORT, WORK UNIT 1.3, IDENTIFICATION OF USER NEEDS.
AD-634 322 5B T 66 15 HC$ 4.00 MF$ 0.75

EDIS TASK I REPORT, WORK UNIT 1.4: IDENTIFICATION OF DISCIPLINES AND FIELDS.
AD-634 323 5B T 66 15 HC$ 4.00 MF$ 0.75

EDIS TASK I, WORK UNIT 1.9: CATEGORIZATION OF EXISTENT DATA SYSTEMS.
AD-634 324 5B T 66 15 HC$ 7.00 MF$ 1.75

ARMY RESEARCH, SYMPOSIA
PROCEEDINGS OF THE 1966 ARMY SCIENCE CONFERENCE, UNITED STATES MILITARY ACADEMY, WEST POINT, N. Y., 14-17 JUNE 1966. VOLUME I.
AD-634 615 5A T 66 15 HC$ 8.25 MF$ 2.25

PROCEEDINGS OF THE 1966 ARMY SCIENCE CONFERENCE, UNITED STATES MILITARY ACADEMY, WEST POINT, N. Y., 14-17 JUNE 1966. VOLUME II.
AD-634 616 5A T 66 15 HC$ 8.60 MF$ 2.50

ARMY TRAINING, OFFICER PERSONNEL
PROCEDURES FOR DERIVING TRAINING OBJECTIVES FOR JUNIOR OFFICERS.
AD-634 510 5I T 66 15 HC$ 6.00 MF$ 1.25

ARMY TRAINING, WARFARE
CRITICAL COMBAT SKILLS, KNOWLEDGES, AND PERFORMANCES REQUIRED OF THE 1962 LIGHT WEAPONS INFANTRYMAN (MOS 111.0).
AD-634 513 5I T 66 15 HC$12.60 MF$ 1.00

AROMATIC COMPOUNDS, POLYMERS
THERMAL DEGRADATION OF AN AROMATIC POLYPYROMELLITIMIDE IN AIR AND VACUUM: I. RATES AND ACTIVATION ENERGIES,
AD-447 561 7D U 41 15 HC$ 3.60

ARRESTING GEAR, LOADING(MECHANICS)
DETERMINATION OF CHARACTERISTIC NON-DIMENSIONAL LOAD STROKE DIAGRAMS FOR SHIPBASED AND SHOREBASED CATAPULTING AND ARRESTING GEAR FROM ANALYSIS OF AIRPLANE AND DEAD LOAD TEST DATA.
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ARTERIES, OBSTRUCTION(PHYSIOLOGY)
INTRARENAL HEMODYNAMIC CHANGES FOLLOWING ACUTE PARTIAL RENAL ARTERIAL OCCLUSION,
PB-169 871 6P U 41 15 HC$ 1.10 MF$ 0.50

ARTIFICIAL INTELLIGENCE, MEMORY
UTILIZATION OF MEMORY IN CONCEPT LEARNING SYSTEMS,
AD-634 483 6D T 66 15 HC$ 2.00 MF$ 0.50

ARTIFICIAL INTELLIGENCE, PATTERN RECOGNITION
TRAINING A LINEAR MACHINE ON MISLABELED PATTERNS.
AD-634 484 6D T 66 15 HC$ 4.00 MF$ 0.75

ARTIFICIAL INTELLIGENCE, PROBLEM SOLVING
ARTIFICIAL INTELLIGENCE PROGRAM.
PB-169 603 6D U 41 15 HC$ 1.10 MF$ 0.50

ARTIFICIAL INTELLIGENCE, REASONING
TOWARD THE DEVELOPMENT OF A MACHINE WHICH COMPREHENDS,
PB-170 497 9B U 41 15 HC$ 9.60 MF$ 0.75

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WEATHER MODIFICATION,
AD-443 779 4B U 41 15 HC$ 2.60

ASTRONAUTICS, ECONOMICS
ECONOMIC IMPACT OF SPACE EXPENDITURES,
AD-634 353 5C T 66 15 HC$ 1.00 MF$ 0.50

ASTRONOMY
LIFE IN SPACE AND HUMANITY ON THE EARTH. A JOINT REVIEW OF FIVE BOOKS.
N66-15325 5F U 41 15 HC$ 1.00 MF$ 0.50

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N66-15613 3A U 41 15 HC$ 1.00 MF$ 0.50

ATHEROSCLEROSIS, CHOLESTEROL
ISCHEMIC HEART DISEASE, ATHEROSCLEROSIS, AND LONGEVITY.
UCRL-14658 6E N 20 12 HC$ 2.00 MF$ 0.50

ATLANTIC OCEAN, TEMPERATURE
STUDIES OF TECHNIQUES FOR THE ANALYSIS AND PREDICTION OF TEMPERATURE IN THE OCEAN. PART III. AUTOMATED ANALYSIS AND PREDICTION.
AD-634 255 8J T 66 15 HC$ 3.00 MF$ 0.75

ATMOSPHERE ENTRY, DRAG
HIGH-ALTITUDE REENTRY DRAG EFFECTS,
AD-634 390 22C T 66 15 HC$ 1.00 MF$ 0.50

ATMOSPHERE ENTRY, FLIGHT SIMULATORS
A COMPARISON OF THE RESULTS OF THE SANDIA CORPORATION TTA TRAJECTORY PROGRAM AND THE ATOMICS INTERNATIONAL RESTORE TRAJECTORY PROGRAM.
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PROBABILITY DISTRIBUTIONS OF LATTICES OF REENTRY AND IMPACT FOLLOWING DECAY OF POLAR ORBITS,
SC-RR-66-41 22C U 41 15 HC$ 2.00 MF$ 0.50

ATMOSPHERE ENTRY, MODELS(SIMULATIONS)
AN EXPERIMENTAL STUDY OF THE EFFECT OF OXYGEN ON TANTALUM ABLATION IN A HYPERTHERMAL PLASMA TUNNEL,
SC-RR-65-615 22C N 20 13 HC$ 3.00 MF$ 0.50

ATMOSPHERE ENTRY, REACTOR OPERATION
THERMAL BEHAVIOR OF SNAP REACTOR FUEL ELEMENTS DURING ATMOSPHERIC REENTRY,
NAA-SR-11502 22C N 20 13 HC$ 4.00 MF$ 1.00

ATMOSPHERE ENTRY, SHOCK WAVES
SHOCK-SHOCK INTERACTION THEORY INCLUDING REAL GAS AND THREE DIMENSIONAL EFFECTS.
AD-634 600 22C T 66 15 HC$ 3.00 MF$ 0.75

ATMOSPHERE MODELS, GUIDED MISSILE RANGES
FORT GREELY MISSILE RANGE REFERENCE ATMOSPHERE. PART I.
AD-634 726 4B T 66 15 HC$ 3.00 MF$ 0.75

FORT CHURCHILL MISSILE RANGE REFERENCE ATMOSPHERE FOR FORT CHURCHILL, CANADA. PART I.
AD-634 727 4B T 66 15 HC$ 3.00 MF$ 0.75

ATMOSPHERE MODELS, SELECTION
THE DEVELOPMENT OF A DYNAMIC THREE-DIMENSIONAL ATMOSPHERIC MODEL FOR USE IN THE STUDY OF THE SELECTIVITY OF ORBITAL DECAY (TASK III),
SC-DC-65-1701 4A U 41 15 HC$ 3.00 MF$ 0.75

ATMOSPHERE, MICROORGANISMS
THE POSSIBLE MILITARY SIGNIFICANCE OF CONTAMINANTS FOUND IN TROPICAL ATMOSPHERES,
AD-634 692 13B T 66 15 HC$ 1.00 MF$ 0.50

ATMOSPHERE, WAVE TRANSMISSION
HIGH INTENSITY LASER PROPAGATION IN THE ATMOSPHERE.
AD-634 316 20E T 66 15 HC$ 2.00 MF$ 0.50

ATMOSPHERIC MOTION, CUMULONIMBUS CLOUDS
MESOMETEOROLOGICAL STUDIES.
AD-634 305 4B T 66 15 HC$ 4.00 MF$ 0.75

ATMOSPHERIC MOTION, MICROMETEOROLOGY
A MATHEMATICAL MODEL FOR AIR FLOW IN A VEGETATIVE CANOPY,
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ATMOSPHERIC MOTION, STATISTICAL ANALYSIS
A THEORY OF TURBULENT EDDIES,
PB-169 465 4B U 41 15 HC$ 3.00 MF$ 0.50

ATMOSPHERIC PRECIPITATION, ATMOSPHERE MODELS
RELATIONSHIPS BETWEEN TROPICAL PRECIPITATION AND KINEMATIC CLOUD MODELS.
AD-296 036 4B U 41 15 HC$ 4.60

ATMOSPHERIC PRECIPITATION, ATMOSPHERIC MODELS
RELATIONSHIPS BETWEEN TROPICAL PRECIPITATION AND KINEMATIC CLOUD MODELS.
AD-402 766 4B U 41 15 HC$ 3.60

ATMOSPHERIC REFRACTION, RADIO WAVES
THE ABILITY TO PREDICT LOW-ANGLE HEIGHT ERRORS WITH THE NBS SURFACE-CORRECTED MODEL ATMOSPHERE,
AD-634 372 4A T 66 15 HC$ 2.00 MF$ 0.50

ATMOSPHERIC SOUNDING, GUIDED MISSILE RANGES
LITTLE JOHN MISSILE NO. 2129, ROUND NO. 645 RM (25 APRIL 1966).
AD-634 695 4B T 66 15 HC$ 1.00 MF$ 0.50

AEROBEE NASA 4.95 05 (20 MAY 1966).
AD-634 696 4B T 66 15 HC$ 2.00 MF$ 0.50

FORT GREELY MISSILE RANGE REFERENCE ATMOSPHERE. PART I.
AD-634 726 4B T 66 15 HC$ 3.00 MF$ 0.75

FORT CHURCHILL MISSILE RANGE REFERENCE ATMOSPHERE FOR FORT CHURCHILL, CANADA. PART I.
AD-634 727 4B T 66 15 HC$ 3.00 MF$ 0.75

AEROBEE NASA 4.92 (20 MAY 1966).
AD-634 752 4B T 66 15 HC$ 2.00 MF$ 0.50

ATHENA FLIGHT NUMBER 042 (27 MAY 1966) AND ATHENA FLIGHT NUMBER 043 (27 MAY 1966).
AD-634 757 4B T 66 15 HC$ 3.00 MF$ 0.75

LITTLE JOHN MISSILE NO. 2126, ROUND NO. 643 RM (14 APRIL 1966).
AD-634 760 4B T 66 15 HC$ 2.00 MF$ 0.50

ATMOSPHERIC SOUNDING, IONIZATION CHAMBERS
INSTRUMENTATION TO MEASURE THE RATE OF ION PRODUCTION IN THE UPPER ATMOSPHERE DURING AN AURORA.
AD-634 299 4A T 66 15 HC$ 3.00 MF$ 0.75

ATMOSPHERIC SOUNDING, MAGNETO-OPTIC EFFECT
IONOSPHERIC RESEARCH.
AD-634 729 4A T 66 15 HC$ 3.00 MF$ 0.75

ATMOSPHERIC SOUNDING, OZONE
PRELIMINARY STUDY OF THE EFFECT OF OZONE ON ATMOSPHERIC TRANSMISSION IN THE RANGE 0.25 MICRON TO 0.60 MICRON,
AD-402 842 4A U 41 15 HC$ 2.60

ATMOSPHERIC SOUNDING, SOUNDING ROCKETS
METEOROLOGICAL ROCKET NETWORK FIRINGS. SEPTEMBER 1965 FIRINGS.
AD-634 381 4B T 66 15 HC$ 5.00 MF$ 1.00

REAL-TIME METEOROLOGICAL SYSTEM FOR SUPPORT OF UNGUIDED-ROCKET FIRINGS,
AD-634 672 4B T 66 15 HC$ 1.00 MF$ 0.50

ATMOSPHERIC TIDES, STRATOSPHERE
STRATOSPHERIC TIDAL CIRCULATIONS,
AD-634 650 4B T 66 15 HC$ 1.00 MF$ 0.50

ATMOSPHERICS, MAGNETOHYDRODYNAMICS
HYDROMAGNETIC EMISSIONS AT THE GEOMAGNETIC POLES,
AD-634 262 4A T 66 15 HC$ 1.00 MF$ 0.50

NEGATIVE ION DETECTION IN THE IONOSPHERE FROM EFFECTS ON ELF WAVES.
AD-634 358 4A T 66 15 HC$ 3.00 MF$ 0.50

ATOMIC CLOCKS, SATELLITE TRACKING SYSTEMS
USE OF OPTICALLY PUMPED RUBIDIUM VAPOR FREQUENCY STANDARD AS MASTER OSCILLATOR IN SATELLITE TRACKING STATIONS,
AD-424 483 22C U 41 15 HC$ 7.60

ATOMIC ENERGY LEVELS, COBALT
ENERGY LEVELS AND NEGATIVE PHOTOCONDUCTIVITY IN COBALT-DOPED SILICON,
AD-634 579 20L T 66 15

ATOMIC ENERGY LEVELS, LASERS
CONSIDERATION OF THE SPLITTING OF THE METASTABLE LEVEL OF A THREE-LEVEL QUANTUM GENERATOR,
AD-634 231 20E T 66 15 HC$ 1.00 MF$ 0.50

ATOMIC PROPERTIES, SPECIAL FUNCTIONS(MATHEMATICAL)
SOME PROPERTIES OF THE EIGENFUNCTIONS AND EIGENVALUES INTRODUCED BY BETHE FOR THE LINEAR CHAIN OF ATOMS,
NBS-TN-328 20J U 41 15 HC$ 0.25 MF$ 0.50

ATOMIC SPECTROSCOPY, ELECTRON TRANSITIONS
ATOMIC TRANSITION PROBABILITIES. VOLUME I. HYDROGEN THROUGH NEON,
AD-634 145 7D T 66 15 MF$ 1.00

ATTITUDE CONTROL SYSTEMS, LAUNCH VEHICLES(AEROSPACE
A STUDY OF AN ATTITUDE CONTROL SYSTEM FOR THE BLACK ARROW LAUNCHING VEHICLE.
AD-634 207 22D T 66 15 HC$ 3.00 MF$ 0.75

ATTITUDE CONTROL SYSTEMS, SATELLITES(ARTIFICIAL)
ON THE DYNAMICS OF A SATELLITE STABILIZED BY WIRES.
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ATTITUDES, DISPLAY SYSTEMS
AN EVALUATION OF EXISTING CRITERIA FOR JUDGING THE QUALITY OF SCIENCE EXHIBITS.
TID-22703 5H U 41 15 HC$ 1.00 MF$ 0.75

AUDITORY PERCEPTION, NOISE
NOISE LOCALIZATION AFTER UNILATERAL ATTENUATION.
AD-634 457 6J T 66 15 HC$ 1.00 MF$ 0.50

AURORA, IONIZATION
INSTRUMENTATION TO MEASURE THE RATE OF ION PRODUCTION IN THE UPPER ATMOSPHERE DURING AN AURORA.
AD-634 299 4A T 66 15 HC$ 3.00 MF$ 0.75

AUTOMATIC WEAPONS, PERFORMANCE(HUMAN)
THE EFFECT OF FLINCHING ON M1 RIFLE MARKSMANSHIP.
AD-477 645 19F U 41 15 HC$ 2.60 MF$ 0.50

AUTONOMIC NERVOUS SYSTEM, RADIATION EFFECTS
EFFECTS OF RADIATION ON THE SUBMICROSCOPIC STRUCTURE OF THE SYMPATHETIC NEURON.
AD-634 405 6R T 66 15 HC$ 1.00 MF$ 0.50

AUXILIARY POWER PLANTS, NEUTRON DETECTORS
DEVELOPMENT OF A SOLID-STATE NEUTRON DETECTOR FOR SNAP-10A,
NAA-SR-11762 18D U 41 15 HC$ 2.00 MF$ 0.50

AUXILIARY POWER PLANTS, PUMPS
SNAP 10A PBSNTE T/E PUMP S/N-038 ACCEPTANCE TEST.

NAA-SR-MEMO-10667 18N U 41 15 HC$ 2.00 MF$ 0.50

AVIATION MEDICINE, RADIOBIOLOGY
BIOLOGY AND MEDICINE SEMIANNUAL REPORT, FALL 1965.
UCRL-16613 6R U 41 15 HC$ 4.00 MF$ 0.75

AVIATION PERSONNEL, NAVAL TRAINING
THE RELATIONSHIP OF COLLEGE MAJOR TO SUCCESS IN NAVAL AVIATION TRAINING.
AD-634 610 5I T 66 15 HC$ 1.00 MF$ 0.50

AVIATION PERSONNEL, SELECTION
THE THOUSAND AVIATOR STUDY: SMOKING HISTORY CORRELATES OF SELECTED PHYSIOLOGICAL, BIOCHEMICAL, AND ANTHROPOMETRIC MEASURES.
AD-634 612 6N T 66 15 HC$ 1.00 MF$ 0.50

AZIDES, LUMINESCENCE
THERMOLUMINESCENCE IN POTASSIUM AZIDE.
AD-634 645 20L T 66 15 HC$ 1.00 MF$ 0.50

AZIDES, PYROLYSIS
KINETICS AND MECHANISM OF THERMAL DISINTEGRATION OF LOW-MOLECULAR ALKYL AZIDES.
AD-479 670 7D U 41 15 HC$ 1.60 MF$ 0.50

AZIDES, SENSITIVITY
MECHANISM FOR CONTROLLING THE REACTIVITY OF LEAD AZIDE.
AD-634 629 19A T 66 15 HC$ 1.00 MF$ 0.50

AZIDES, SYNTHESIS(CHEMISTRY)
NEW FULMINATES AND AZIDES.
AD-479 637 7A U 41 15 HC$ 1.60 MF$ 0.50

B STAR
CALIBRATION OF THE HERTZSPRUNG- RUSSEL DIAGRAM IN TERMS OF AGE AND MASS FOR MAIN-SEQUENCE B AND A STARS.
N66-15319 3A U 41 15 HC$ 2.00 MF$ 0.50

BACTERIA, FUEL CELLS
BIOCHEMICAL FUEL CELLS.
AD-296 802 10B U 41 15 HC$ 4.60

BACTERIOPHAGES, ANTIGENS + ANTIBODIES
MODELS FOR ANTIBODY ATTACHMENT TO VIRUS AND BACTERIOPHAGE.
AD-634 306 6M T 66 15 HC$ 1.00 MF$ 0.50

BALLAST TANKS, MODELS(SIMULATIONS)
INITIAL DEVELOPMENT OF A NONLINEAR MECHANICAL MODEL FOR THE MOMENT RESPONSE OF FREE-SURFACE ROLL STABILIZATION TANKS.
AD-634 731 13J T 66 15 HC$ 3.00 MF$ 0.75

BALLAST TANKS, PERFORMANCE(ENGINEERING)
AN EXPERIMENTAL PARAMETER STUDY OF THE FLUID FORCE AND MOMENT RESPONSE OF TWO TYPICAL SHIP ROLL STABILIZATION TANKS.
AD-634 730 13J T 66 15 HC$ 3.00 MF$ 0.75

BALLISTICS, METEOROLOGY
LITTLE JOHN MISSILE NO. 2129, ROUND NO. 645 RM (25 APRIL 1966).
AD-634 695 4B T 66 15 HC$ 1.00 MF$ 0.50

AEROBEE NASA 4.95 65 (20 MAY 1966).
AD-634 696 4B T 66 15 HC$ 2.00 MF$ 0.50

FORT GREELY MISSILE RANGE REFERENCE ATMOSPHERE. PART I.
AD-634 726 4B T 66 15 HC$ 3.00 MF$ 0.75

FORT CHURCHILL MISSILE RANGE REFERENCE ATMOSPHERE FOR FORT CHURCHILL, CANADA. PART I.
AD-634 727 4B T 66 15 HC$ 3.00 MF$ 0.75

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AD-634 752 4B T 66 15 HC$ 2.00 MF$ 0.50

ATHENA FLIGHT NUMBER 042 (27 MAY 1966) AND ATHENA FLIGHT NUMBER 043 (27 MAY 1966).
AD-634 757 4B T 66 15 HC$ 3.00 MF$ 0.75

LITTLE JOHN MISSILE NO. 2126, ROUND NO. 643 RM (14 APRIL 1966).
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BALLOONS, HIGH ALTITUDE
MER J II BALLOON FLIGHTS: HIGH ALTITUDE BALLOON RESEARCH.
AD-634 216 1C T 66 15 HC$ 1.00 MF$ 0.50

BALLOONS, SYMPOSIA
PROCEEDINGS, AFCRL SCIENTIFIC BALLOON WORKSHOP, 1965.
AD-634 765 1C T 66 15 HC$ 4.00 MF$ 0.75

BATHYTHERMOGRAPH DATA, DATA PROCESSING SYSTEMS
STUDIES OF TECHNIQUES FOR THE ANALYSIS AND PREDICTION OF TEMPERATURE IN THE OCEAN. PART III. AUTOMATED ANALYSIS AND PREDICTION.
AD-634 255 8J T 66 15 HC$ 3.00 MF$ 0.75

BATTERIES + COMPONENTS, FILMS
A RECHARGEABLE THIN-FILM SOLID-ELECTROLYTE BATTERY.
AD-634 626 10C T 66 15 HC$ 1.00 MF$ 0.50

BATTERIES + COMPONENTS, ORGANIC MATERIALS
HIGH ENERGY SYSTEM (ORGANIC ELECTROLYTE).
AD-634 491 10C T 66 15 HC$ 4.00 MF$ 0.75

BATTLE INJURIES, HEARING
SOME STUDIES OF TEMPORARY HEARING LOSSES RESULTING FROM REPEATED EXPOSURE TO GUNFIRE NOISE.
AD-634 690 6U T 66 15 HC$ 1.00 MF$ 0.50

BEACON LIGHTS, DESIGN
OBSTRUCTION LIGHT SYSTEM.
AD-634 382 17G T 66 15 HC$ 6.00 MF$ 1.25

BEARINGS, MATERIALS
TECHNOLOGY OF MANUFACTURE AND PROPERTIES OF ANTIFRICTION MATERIALS CONTAINING FLUOROPLASTICS: (BASIC PRINCIPLES OF PRODUCTION).
AD-634 308 11H T 66 15 HC$ 3.00 MF$ 0.75

SELF-LUBRICATING BEARING MATERIALS.
PB-169 903 11H U 41 15 HC$ 3.60 MF$ 0.50

BERYLLIUM COMPOUNDS, OXIDES
PRODUCTION ENGINEERING MEASURE FOR BERYLLIUM OXIDE AND PARTS PRODUCED FROM IMPORTED ORES.
AD-634 354 13H T 66 15 HC$ 4.00 MF$ 0.75

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UCRL-16553 20G N 20 12 HC$ 1.00 MF$ 0.50

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AD-634 586 5B T 66 15 HC$ 1.00 MF$ 0.50

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BIOCHEMISTRY, GENETICS
GENETIC CONTROL OF DIFFERENTIATION. REPORT OF SYMPOSIUM HELD JUNE 7-9, 1965. BROOKHAVEN SYMPOSIA IN BIOLOGY, NUMBER 18.
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SERIALS RELATING TO BIOCHEMISTRY AND ENDOCRINOLOGY: THEIR IDENTIFICATION AND AN ANALYSIS OF THEIR CHARACTERISTICS.
PB-169 208 6A U 41 15 HC$ 3.00 MF$ 0.75

BIOLOGICAL WARFARE AGENTS, DETECTION
CHEMILUMINESCENCE AS A TOOL FOR BIODETECTION.
AD-634 628 15B T 66 15 HC$ 1.00 MF$ 0.50

BIOLOGY, SET THEORY
INVESTIGATIONS IN THE FIELD OF RELATIONAL BIOLOGY.
AD-634 294 6D T 66 15 HC$ 1.00 MF$ 0.50

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REPEATED MEASUREMENT DESIGNS, ASSUMING EQUAL VARIANCES AND COVARIANCES.
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BIONICS, DIGITAL COMPUTERS
DIGITAL COMPUTER SIMULATION OF A SIMPLIFIED NERVE NET.
AD-634 289 6D T 66 15 HC$ 4.00 MF$ 0.75

BIONICS, MECHANICAL ENGINEERING
STUDY AND DEVELOPMENT OF MUSCLE SUBSTITUTES.
AD-634 187 6B T 66 15 HC$ 2.00 MF$ 0.50

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INVESTIGATIONS IN THE FIELD OF RELATED BIOLOGY.
AD-634 283 6D T 66 15 HC$ 1.00 MF$ 0.50

INVESTIGATIONS IN THE FIELD OF RELATIONAL BIOLOGY.
AD-634 294 6D T 66 15 HC$ 1.00 MF$ 0.50

BIOPHYSICS, MATHEMATICAL MODELS
INVESTIGATIONS IN THE FIELD OF RELATED BIOLOGY.
AD-634 283 6D T 66 15 HC$ 1.00 MF$ 0.50

BIPROPELLANTS, CATALYSIS
MECHANISM OF CIALYTIC IGNITION AND COMBUSTION OF SOLID ROCKET PROPELLANTS.
AD-472 135 21I U 41 15 HC$ 1.10 MF$ 0.50

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BLACKBODY RADIATION TABLES.
AD-291 200 20M U 41 15 HC$ 9.65

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MATERIALS FOR USE IN MITIGATING BLAST LOADS ON DEEPLY BURIED PROTECTIVE STRUCTURES.
AD-634 691 18C T 66 15 HC$ 1.00 MF$ 0.50

BLOOD COAGULATION, TOXINS + ANTITOXINS
BLOOD COAGULATION FACTOR ACTIVITY IN ENDOTOXEMIA.
AD-634 652 6T T 66 15 HC$ 1.00 MF$ 0.50

BLOOD VOLUME, PROGRAMMING(COMPUTERS)
COMPUTER ANALYSIS OF CELL VOLUME DISTRIBUTION.
LA-3440 6B U 41 15 HC$ 3.00 MF$ 0.50

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THE ENZYMIC TRANSFORMATION OF SECONDARY NITROGEN MUSTARDS: IMPLICATIONS IN RESPIRATION.
AD-634 653 6A T 66 15 HC$ 1.00 MF$ 0.50

BLUNT BODIES, AERODYNAMIC CHARACTERISTICS
EFFECT OF FOREBODY MODIFICATIONS ON THE AERODYNAMIC CHARACTERISTICS OF A SIMULATED AIRCRAFT STORE AT MACH NUMBERS FROM 0.50 TO 1.17.

AD-634 736 20D T 66 15 HC$ 3.00 MF$ 0.50

BODIES OF REVOLUTION, DEFLECTION
LARGE DEFLECTIONS OF THIN SHELLS OF REVOLUTION,
AD-634 624 20K T 66 15 HC$ 1.00 MF$ 0.50

BOILER
THE INCIPIENCE OF FLOW OSCILLATIONS IN FORCED-FLOW SUBCOOLED BOILING,
N66-15248 20M U 41 15 HC$ 2.00 MF$ 0.50

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LITERATURE SURVEY OF CORROSION PREVENTION IN IDLE BOILERS.
AD-634 211 11F T 66 15 HC$ 2.00 MF$ 0.50

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PATHFINDER ATOMIC POWER PLANT. BOILER FUEL ELEMENT DESIGN REPORT,
ACNP-64016 18E U 41 15 HC$ 3.00 MF$ 0.75

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MODULAR STEAM GENERATOR FABRICATION,
NAA-SR-11739 13H U 41 15 HC$ 3.00 MF$ 0.50

BOILING WATER REACTORS, HYDRODYNAMICS
HYDRODYNAMIC STABILITY OF NATURAL CIRCULATION BOILING SYSTEMS. VOLUME I. A COMPARATIVE SYSTEM OF ANALYTICAL MODELS AND EXPERIMENTAL DATA,
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AROMATIC BORONIC ACIDS. SYNTHESIS OF OMICRON-BORONOPHENYLALANINE,
COO-314-11 7C U 41 15 HC$ 1.00 MF$ 0.50

BORON COMPOUNDS, FERROCENES
FERROCENE CHEMISTRY OF PHOSPHORUS AND BORON,
AD-634 641 7B T 66 15 HC$ 1.00 MF$ 0.50

BORON, FILAMENTS
RESEARCH ON RESIN-IMPREGNATED, COLLIMATED BORON FILAMENTS AND IMPROVED HIGH-MODULUS, HIGH-STRENGTH FILAMENTS AND COMPOSITES,
AD-477 816 11D U 41 15 HC$28.80 MF$ 1.50

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ANNUAL PROGRESS REPORT FOR THE PERIOD JULY 1964 THROUGH JUNE 1965,
NBL-230 7E U 41 15 HC$ 3.00 MF$ 0.75

BORON, PURIFICATION
PURIFICATION AND CRYSTALLIZATION OF AMORPHOUS BORON POWDER BY ZONE REFINING. PRE-PURIFICATION OF BORON BEFORE ZONING.
TID-22221 7A N 20 12 HC$ 2.00 MF$ 0.50

BORON, SEMICONDUCTORS
RESEARCH INVESTIGATIONS IN THE PHYSICAL CHEMISTRY AND METALLURGY OF SEMICONDUCTING MATERIALS.
AD-274 516 20L U 41 15 HC$ 1.00

BOUNDARY VALUE PROBLEMS, INTEGRAL TRANSFORMS
LECTURES ON MEHLER-FOCK TRANSFORMS AND SOME OF THEIR APPLICATIONS,
AD-634 364 12A T 66 15 HC$ 3.00 MF$ 0.75

BRAIN, BEHAVIOR
THE RHINENCEPHALON AND BEHAVIOR,
PB-169 442 6E U 41 15 HC$ 1.60

BRITTLENESS, FRACTURE(MECHANICS)
THE EFFECT OF INELASTIC TENSILE PRESTRAIN ON THE BRITTLE FRACTURE PROPERTIES OF ANNEALED 4140 STEEL,
AD-467 523 11F U 41 15 HC$ 5.60 MF$ 0.50

BROWNIAN MOVEMENT, PLASMA MEDIUM
A KINETIC THEORETICAL INVESTIGATION OF A FULLY IONIZED GAS. PART II. SOME ASPECTS OF MULTIPLE COLLISIONS,
AD-464 742 20I U 41 15 HC$ 7.60

BUBBLE CHAMBERS, BERYLLIUM
INVESTIGATION OF BERYLLIUM WINDOWS FROM CEA BUBBLE CHAMBER.
NYO-10742 18D U 41 15 HC$ 6.00 MF$ 1.25

BUCKLING(MECHANICS), METAL PLATES
AXISYMMETRIC BUCKLING OF ORTHOTROPIC CIRCULAR PLATES WITH VARIABLE THICKNESS.
AD-634 732 20K T 66 15 HC$ 2.00 MF$ 0.50

BUCKLING(MECHANICS), RINGS
BUCKLING OF RADIALLY CONSTRAINED THIN CIRCULAR RINGS UNDER INERTIA LOADING,
AD-634 433 20K T 66 15 HC$ 1.00 MF$ 0.50

BUILDINGS, ARCTIC REGIONS
PICTORIAL PERFORMANCE STUDY OF CAMP CENTURY (1960-1962).
AD-634 470 13B T 66 15 HC$ 1.60 MF$ 0.50

BURNING RATE, COAXIAL CABLES
BURN INVESTIGATIONS OF SOME COAXIAL CABLES,
LA-3451 6R U 41 15 HC$ 2.00 MF$ 0.50

BURNTHROUGH, REACTOR COOLANTS
EXPERIMENTAL BOILING BURNOUT HEAT FLUXES WITH AN ELECTRICALLY HEATED 19-ROD BUNDLE TEST SECTION,
BNWL-206 18I U 41 15 HC$ 3.00 MF$ 0.50

CADMIUM COMPOUNDS, CRYSTAL GROWTH
SUMMARY OF THE INVESTIGATION OF THE RESPONSE OF CADMIUM SULFIDE,
PB-169 963 18D U 41 15 HC$ 5.60

CADMIUM COMPOUNDS, SULFIDES
CURRENT OSCILLATION AND SATURATION IN CADMIUM SULPHIDE,
AD-634 725 20L T 66 15 HC$ 1.00 MF$ 0.50

CALCIUM, NUCLEAR STRUCTURE
CHARGE STRUCTURE OF THE CALCIUM ISOTOPES,
AD-634 295 18B T 66 15 HC$ 2.00 MF$ 0.50

CALCULUS OF VARIATIONS, OPTIMIZATION
VARIATIONAL PROBLEMS WITH INEQUALITY CONSTRAINTS.
AD-634 197 12B T 66 15 HC$ 1.60 MF$ 0.50

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PRECISION OF MEASUREMENT, ACCURACY AND PROCEDURES FOR DETECTING OUTLYING OBSERVATIONS,
AD-634 686 14B T 66 15 HC$ 1.00 MF$ 0.50

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INSTRUMENTATION, CALIBRATION, AND DATA REDUCTION METHODS.
AD-294 869 14B U 41 15 HC$ 4.00

CALIFORNIA, ECONOMICS
POTENTIAL CONTRIBUTION OF THE MARINE ENVIRONMENT TO ECONOMIC REDEVELOPMENT OF THE NORTH COAST COUNTIES OF CALIFORNIA,
PB-170 268 5C U 41 15 HC$ 2.00 MF$ 0.50

CAMERAS, CRYSTALLOGRAPHY
A PRECISION BACK-REFLECTION LAUE CAMERA,
RFP-636 18D U 41 15 HC$ 1.00 MF$ 0.50

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SEMIANNUAL REPORT TO THE ATOMIC ENERGY COMMISSION,
ACRH-24 6R U 41 15 HC$ 5.00 MF$ 1.00

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A LASER DEVICE FOR USE IN CLINICAL TREATMENT OF MALIGNANT TUMORS,
AD-634 670 6E T 66 15 HC$ 1.00 MF$ 0.50

CAPACITORS, GEOMETRIC FORMS
THE APPLICATION OF TOROIDAL GEOMETRY TO HIGH ENERGY STORAGE INDUCTORS.
AD-634 388 10C T 66 15 HC$ 1.00 MF$ 0.50

CARBIDES, CRYSTAL STRUCTURE
THE STRUCTURES OF THE ALUMINUM CARBONITRIDES.II.
AD-634 572 20B T 66 15

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PRINCIPLES GOVERNING THE BEHAVIOR OF SOLID MATERIALS IN SEVERE HIGH TEMPERATURE ENVIRONMENTS.
AD-466 458 21H U 41 15 HC$ 6.60 MF$ 0.75

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SILICON CARBIDE FOR SEMICONDUCTORS,
AD-464 777 20L U 41 15 HC$ 2.25

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THE THERMODYNAMICS OF CORROSION IN MOLTEN CARBONATES: APPLICATION OF E-PCO2 DIAGRAMS,
AD-449 958 11F U 41 15 HC$ 2.60

CARBON, ELECTRON BOMBARDMENT
DISPERSION CORRECTIONS TO ELECTRON SCATTERING IN C12 AND O16,
PB-169 607 20H U 41 15 HC$ 3.60 MF$ 0.50

CARDIOVASCULAR SYSTEM, HIGH ALTITUDE
HEMODYNAMIC ALTERATIONS IN HUMANS AND ANIMALS DURING CHRONIC HIGH ALTITUDE EXPOSURE,
AD-634 647 6S T 66 15 HC$ 1.00 MF$ 0.50

CARGO VEHICLES, SPARE PARTS
TEST OF BUMPER REPLACEMENT KIT FOR TRUCK, UTILITY, 1/4-TON, 4X4, M422/M422A1.
AD-634 606 13F T 66 15 HC$ 1.00 MF$ 0.50

CARGO VEHICLES, TESTS
PRODUCT IMPROVEMENT ITEMS: 21/2-TON AND 5-TON VEHICLES.
AD-634 611 13F T 66 15 HC$ 1.00 MF$ 0.50

TEST OF DROP-SIDE BED, 21/2-TON AND 5-TON VEHICLE.
AD-634 613 13F T 66 15 HC$ 1.00 MF$ 0.50

CARRIERS(SEMICONDUCTORS), AMPLIFIERS
IS AN AMPLIFIER REALIZABLE WHICH USES THE NEGATIVE MASSES OF SEMICONDUCTOR HOLES,
AD-634 426 20L T 66 15 HC$ 1.00 MF$ 0.50

CARRIERS(SEMICONDUCTORS, GERMANIUM
MINORITY-CARRIER MOBILITY IN P-TYPE GERMANIUM UNDER HIGH UNIAXIAL STRESS,
AD-634 584 20L T 66 15

CARSON COMPOUNDS, DECOMPOSITION
HIGH TEMPERATURE GAS KINETIC STUDY OF CARBONYL SULFIDE DECOMPOSITION PERFORMED WITH A SHOCK TUBE AND QUADRUPOLE MASS-FILTER.
AD-634 423 7D T 66 15 HC$ 4.00 MF$ 0.75

CASTINGS, GRAIN STRUCTURES(METALLURGY
CONTROL OF CAST GRAIN SIZE OF STEEL CASTINGS: EFFECT OF GRAIN REFINEMENT ON PROPERTIES.
AD-634 343 11F T 66 15 HC$ 3.00 MF$ 0.75

CATALOGS, SUBJECT INDEXING
STUDY OF BUSHIPS LIBRARY CATALOG SYSTEMS AND THE INSTALLATION OF A KROS-TERM SYSTEM FOR INFORMATION STORAGE AND RETRIEVAL.
AD-634 540 5B T 66 15 HC$21.20 MF$ 1.25

CATALYSTS, FUEL CELLS
FUEL CELL CATALYSTS.
AD-455 564 10B U 41 15 HC$ 2.00

RESEARCH TO IMPROVE ELECTROCHEMICAL CATALYSTS.
AD-461 088 10B U 41 15 HC$ 3.00

FUEL CELL CATALYSTS.
AD-461 362 10B U 41 15 HC$ 9.60

CATALYSTS, ORGANIC PHOSPHORUS COMPOUNDS
A NEW TYPE OF POLYMERIZATION INVOLVING ORGANOPHOSPHORUS COMPOUNDS AS CATALYSTS.
AD-470 829 7C U 41 15 HC$ 5.60 MF$ 0.50

CATAPULTS, LOADING(MECHANICS)
DETERMINATION OF CHARACTERISTIC NON-DIMENSIONAL LOAD STROKE DIAGRAMS FOR SHIPBASED AND SHOREBASED CATAPULTING AND ARRESTING GEAR FROM ANALYSIS OF AIRPLANE AND DEAD LOAD TEST DATA.
AD-634 530 1E T 66 15 HC$ 6.00 MF$ 1.25

CATHODE RAY TUBES, DISPLAY SYSTEMS
A CATHODE-RAY-TUBE PLOTTING SYSTEM FOR THE CONTROL DATA 3600 COMPUTER,
ANL-7121 9C U 41 15 HC$ 1.00 MF$ 0.50

CATHODES(ELECTRON TUBE), FIELD EMISSION
STUDIES OF VACUUM BREAKDOWN BETWEEN MICRON-SIZED AREAS.
AD-634 761 9C T 66 15 HC$ 1.00 MF$ 0.50

CAVITATION, DYNAMICS
DYNAMICS OF A TRANSLATING CAVITY IN A LIQUID,
AD-634 743 20D T 66 15 HC$ 5.00 MF$ 1.00

CAVITATION, HYDRODYNAMIC CONFIGURATIONS
CAVITATION INCEPTION ON THREE-DIMENSIONAL ROUGHNESS ELEMENTS.
AD-634 319 20D T 66 15 HC$ 2.00 MF$ 0.50

CAVITY LINERS, SHAPED CHARGE JETS
A STUDY OF JETS FROM SCALED CONICAL SHAPED CHARGE LINERS.
PB-169 979 19A U 41 15 HC$ 3.60

CELESTIAL MECHANICS, SATELLITES(ARTIFICIAL)
SATELLITE MOTION IN AN AXI-SYMMETRIC FIELD, WITH AN APPLICATION TO LUNI-SOLAR PERTURBATIONS.
AD-634 291 22C T 66 15 HC$ 4.00 MF$ 0.75

CERAMIC COATINGS, WAVEGUIDE WINDOWS
RESEARCH ON MICROWAVE WINDOW MULTIPACTOR AND ITS INHIBITION.
AD-443 377 9E U 41 15 HC$ 5.60

CERAMIC MATERIALS, HEAT TREATMENT
CHEMICAL STRENGTHENING OF CERAMIC MATERIALS.
AD-634 361 13H T 66 15 HC$ 4.00 MF$ 1.00

CERAMIC MATERIALS, HIGH-TEMPERATURE RESEARCH
FUNDAMENTAL STUDIES IN HIGH-TEMPERATURE MATERIALS PHENOMENA. SCOPE I. HIGH-TEMPERATURE-PRESSURE PHYSICAL PROPERTY MEASUREMENTS. SCOPE II. ELECTRICAL RESISTIVITY MEASUREMENTS OF MATERIALS IN RELATION TO HIGH TEMPERATURE TRANSFORMATIONS. SCOPE III. TRANSFORMATIONS IN AB2 INTERMETAL.
TID-21673 18J U 41 15 HC$ 4.00 MF$ 1.00

CERAMIC MATERIALS, MECHANICAL PROPERTIES
DEFORMATION AND FRACTURE OF IONIC SOLIDS.
AD-634 733 11B T 66 15 HC$ 3.00 MF$ 0.75

CERAMIC MATERIALS, MICROWAVE EQUIPMENT
INVESTIGATION OF LARGE SIGNAL MICROWAVE EFFECTS IN FERROELECTRIC MATERIALS.
AD-634 524 11B T 66 15 HC$ 4.00 MF$ 1.00

CERAMIC MATERIALS, NON-DESTRUCTIVE TESTING
HISTORY OF THE NRX REACTOR X-1-Q AND X-3-N TESTS AND THE NONDESTRUCTIVE POST-IRRADIATION EXAMINATION OF THEIR PLATE-TYPE CERAMIC FUEL ELEMENTS,
WAPD-TM-455 18J N 20 13 HC$ 5.00 MF$ 1.00

CERAMIC MATERIALS, POWDER METALLURGY
PRODUCTION ENGINEERING MEASURE FOR BERYLLIUM OXIDE AND PARTS PRODUCED FROM IMPORTED ORES.
AD-634 354 13H T 66 15 HC$ 4.00 MF$ 0.75

CERAMIC MATERIALS, RADOMES
HONEYCOMB CERAMIC RADOME TECHNIQUES.
AD-474 285 17I U 41 15 HC$ 2.00 MF$ 0.50

CEREBELLUM, MOTOR REACTIONS
EFFECTS OF STIMULATION OF THE CEREBELLAR CORTEX ON SPINAL MONOSYNAPTIC REFLEXES,
AD-634 554 6P T 66 15

CESIUM COMPOUNDS, ARGON
MOLECULAR AND PRINCIPAL SERIES ABSORPTION IN CESIUM-ARGON MIXTURES,
LA-3391 7D U 41 15 HC$ 2.00 MF$ 0.50

CHANGED PARTICLES, TRANSFORMATIONS(MATHEMATICS)
A NOTE ON PARALLELISM,
UCRL-14546 12A U 41 15 HC$ 1.00 MF$ 0.50

CHARGED PARTICLES, CRYSTAL LATTICES
PASSAGE OF CHARGED PARTICLES THROUGH CRYSTAL LATTICES.
BROOKHAVEN LECTURE SERIES NUMBER 46,
BNL-944 20H U 41 15 HC$ 1.00 MF$ 0.50

CHARGED PARTICLES, NUCLEAR ENERGY
INSTRUCTIONS FOR THE OPERATION OF CODES ASSOCIATED WITH THE LOW-ENERGY INTRANUCLEAR CASCADE CALCULATION,
ORNL-3844 20H U 41 15 HC$ 4.00 MF$ 1.00

CHELATE COMPOUNDS, CATALYSTS
RESEARCH TO IMPROVE ELECTROCHEMICAL CATALYSTS.
AD-461 088 10B U 41 15 HC$ 3.00

CHEMICAL ANALYSIS, INDEXES
INDEXES TO THE OAK RIDGE NATIONAL LABORATORY MASTER ANALYTICAL MANUAL (1953-1955),
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OAK RIDGE NATIONAL LABORATORY MASTER ANALYTICAL MANUAL. SUPPLEMENT 8.
TID-7015 (SUPPL. 8) 7-,U 41 15 HC$ 4.00 MF$ 1.50

CHEMICAL COMPOUNDS, CHROMATOGRAPHIC ANALYSIS
APPARATUS FOR AUTOMATIC PREPARATIVE GAS CHROMATOGRAPOHY,
UCRL-14359 7D U 41 15 HC$ 1.00 MF$ 0.50

CHEMICAL ENGINEERING, STATISTICAL FUNCTIONS
FLOODING IN PERFORATED-PLATE PULSED EXTRACTION COLUMNS: A SURVEY OF REPORTED EXPERIMENTAL DATA AND CORRELATIONS, AND THE PRESENTATION OF NEW CORRELATIONS WITH PHYSICAL PROPERTIES, OPERATING VARIABLES, AND COLUMN GEOMETRY,
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CHEMICAL INDUSTRY, PENNSYLVANIA
FEASIBILITY STUDY OF CHEMICAL INDUSTRY IN SOUTHWESTERN PENNSYLVANIA.
PB-170 298 5C U 41 15 HC$ 5.00 MF$ 1.00

CHEMICAL MILLING, CRYSTALS
POLISHES AND ETCHES FOR TIN TELLURIDE, LEAD SULFIDE, LEAD SELENIDE, AND LEAD TELLURIDE: SUPPLEMENT.
AD-634 392 13H T 66 15 HC$ 1.00 MF$ 0.50

CHEMICAL REACTIONS, NUCLEAR PHYSICS
REACTOR CHEMISTRY DIVISION ANNUAL PROGRESS REPORT FOR PERIOD ENDING DECEMBER 31, 1965.
ORNL-3913 7E N 20 13 HC$ 5.00 MF$ 1.00

NUCLEAR CHEMISTRY DIVISION ANNUAL REPORT, 1965,
UCRL-16580 18- N 20 13 HC$ 6.00 MF$ 1.50

CHEMICAL REACTIONS, OSCILLOSCOPES
A METHOD FOR AUTOMATIC ANALYSIS OF DATA ON THE KINETICS OF FAST CHEMICAL REACTIONS IN THE FORM OF PICTURES OF OSCILLOSCOPE TRACES,
ANL-7113 7D U 41 15 HC$ 1.00 MF$ 0.50

CHEMICAL WARFARE AGENTS, DETECTION
THE USE OF POLYMER UNZIPPING FOR THE DETECTION OF BIOLOGICALLY ACTIVE AGENTS.
AD-467 436 15B U 41 15 HC$ 3.60 MF$ 0.50

CHEMICAL WARFARE CASUALTIES, LETHAL DOSAGE
CW MATHEMATICAL RESEARCH.
AD-273 112 15B U 41 15 HC$ 6.60

CHEMICALS, THERMAL PROPERTIES
SELECTED VALUES OF CHEMICAL THERMODYNAMIC PROPERTIES. PART II. TABLES FOR THE ELEMENTS TWENTY-THREE THROUGH THIRTY-TWO IN THE STANDARD ORDER OF ARRANGEMENT,
NBS-TN-270-2 7D U 41 15 HC$ 0.40 MF$ 0.75

CHEMILUMINESCENCE, BIOLOGICAL WARFARE AGENTS
CHEMILUMINESCENCE AS A TOOL FOR BIODETECTION,
AD-634 628 15B T 66 15 HC$ 1.00 MF$ 0.50

CHESAPEAKE BAY, OCEAN WAVES
AN ELECTRIC ANALOGUE MODEL FOR THE STUDY OF LONG WAVES AND SEICHES IN CHESAPEAKE BAY.
AD-469 995 8C U 41 15 HC$19.00 MF$ 1.25

CHILDREN, GRAMMARS
SYNTACTIC STRUCTURES IN THE LANGUAGES OF CHILDREN,
PB-170 500 5G U 41 15 HC$ 1.60 MF$ 0.50

CHIMPANZEES, VIRUSES
STUDY OF THE VIRAL FLORA OF THE ALIMENTARY TRACT OF CHIMPANZEES.
AD-634 152 6C T 66 15 HC$ 3.00 MF$ 0.75

CHLORELLA, PROTEINS
CONCERNING SOME ELEMENTS OF CHLORELLA PROTEIN STRUCTURE,
AD-634 320 6A T 66 15 HC$ 1.00 MF$ 0.50

CHROMATOGRAPHIC ANALYSIS, TEMPERATURE CONTROL
APPARATUS FOR AUTOMATIC PREPARATIVE GAS CHROMATOGRAPOHY,
UCRL-14359 7D U 41 15 HC$ 1.00 MF$ 0.50

CHROMIUM ALLOYS, MECHANICAL PROPERTIES
NICKEL AND CHROMIUM BASE ALLOYS.
AD-634 607 11F T 66 15 HC$ 1.00 MF$ 0.50

CIRCUITS, MICROMINIATURIZATION(ELECTRONICS)
R AND D PROGRAM TO DESIGN AND FABRICATE DIGITAL MONOLITHIC MICROCIRCUITS HAVING AVERAGE PROPAGATION DELAY TIME OF 1 NS.
AD-634 536 9A T 66 15 HC$ 1.00 MF$ 0.50

CIRCULAR ORBIT TRAJECTORIES, SATELLITES(ARTIFICIAL)
SINGLE-STATION COVERAGE FOR EARTH-SATELLITE ORBITS.
AD-634 206 22C T 66 15 HC$ 1.00 MF$ 0.50

CIVIL AVIATION, CHINA
CIVIL AVIATION IN COMMUNIST CHINA SINCE 1949,
AD-634 191 1B T 66 15 HC$ 3.00 MF$ 0.75

CIVIL ENGINEERING, ARCTIC REGIONS
PICTORIAL PERFORMANCE STUDY OF CAMP CENTURY (1960-1962).

AD-634 470 13B T 66 15 HC$ 1.60 MF$ 0.50

CIVIL ENGINEERING, ROADS
A MODEL FOR TRAFFIC FLOWS ON A TWO-LANE TWO-WAY RURAL HIGHWAY.
AD-634 597 13B T 66 15 HC$ 4.00 MF$ 0.75

CLASSIFICATION, EFFECTIVENESS
RESEARCH PROJECT FOR THE EVALUATION OF THE UDC AS THE INDEXING LANGUAGE FOR A MECHANIZED REFERENCE RETRIEVAL SYSTEM.
PB-170 436 5B U 41 15 HC$ 3.60 MF$ 0.50

CLASSIFICATION, FORESTRY
THE OXFORD SYSTEM: A STUDY OF ITS USES AT A FOREST EXPERIMENT STATION.
PB-170 437 5B U 41 15 HC$ 1.10 MF$ 0.50

CLAY, ANISOTROPY
THE MECHANICAL ANISOTROPY OF SOLIDS DURING DEFORMATION.
PB-169 081 20K U 41 15 HC$ 2.00 MF$ 0.75

CLEANING COMPOUNDS, DEGRADATION
BIODEGRADABLE DETERGENTS.
AD-634 619 11K T 66 15 HC$ 1.00 MF$ 0.50

CLEANING COMPOUNDS, EFFECTIVENESS
THE USE OF SOFT DETERGENTS IN P-C-436B AND P-C-437 CLEANERS.
AD-438 940 11K U 41 15 HC$ 1.60

CLEANING COMPOUNDS, SOLUTIONS
SOLUTION SYSTEMS FOR THE DISPLACING OF ORGANIC LIQUIDS FROM SOLID SURFACES.
AD-634 425 11K T 66 15 HC$ 1.00 MF$ 0.50

CLEANING COMPOUNDS, STORAGE
STORAGE-STABILITY OF P-C-436B AND TT-R-230A, CLASS 2, MATERIAL.
AD-634 776 11K T 66 15 HC$ 1.00 MF$ 0.50

CLEANING, ULTRASONIC RADIATION
EVALUATION OF ULTRASONIC CLEANER.
AD-470 066 13H U 41 15 HC$ 1.10 MF$ 0.50

CLEAR AIR TURBULENCE, CLIMATOLOGY
TECHNIQUES FOR DETERMINING A WORLD-WIDE CLIMATOLOGY OF TURBULENCE THROUGH USE OF METEOROLOGICAL DATA.
AD-634 154 4B T 66 15 HC$ 3.00 MF$ 0.75

CLIMATOLOGY, CLEAR AIR TURBULENCE
TECHNIQUES FOR DETERMINING A WORLD-WIDE CLIMATOLOGY OF TURBULENCE THROUGH USE OF METEOROLOGICAL DATA.
AD-634 154 4B T 66 15 HC$ 3.00 MF$ 0.75

CLIMATOLOGY, HIGH ALTITUDE
COMPARISON OF UPPER-AIR CONDITIONS OVER WSMR, UTAH, AND GERMANY.
AD-468 281 4B U 41 15 HC$ 4.60 MF$ 0.50

CLIMATOLOGY, PHILIPPINES
STUDIES OF THE ECOLOGY OF CLARK AB, CENTRAL LUZON, R.P. I. CLIMATOLOGY.
AD-634 391 4B T 66 15 HC$ 2.00 MF$ 0.50

CLIMATOLOGY, PHOTOGRAPHIC RECORDING SYSTEMS
MILITARY IMPLICATIONS OF SEASONAL ENVIRONMENTAL CHANGE AS REVEALED THROUGH TIME-LAPSE PHOTOGRAPHY.
AD-634 676 15D T 66 15 HC$ 1.00 MF$ 0.50

CLOSED ECOLOGICAL SYSTEMS, SPACESHIPS
POTASSIUM SUPEROXIDE CANISTER EVALUATION FOR MANNED SPACE VEHICLES.
AD-289 611 6K U 41 15 HC$ 6.00

CLOTHING, HUMAN ENGINEERING
HUMAN FACTORS ASPECTS OF THE GM-EQUIPPED SOLDIER IN JUNGLE OPERATIONS: AN OPERATIONAL APPROACH.
AD-634 720 15E T 66 15 HC$ 3.00 MF$ 0.75

CLOTHING, INDUSTRIES
A FORECAST OF ADVANCES IN THE APPAREL MANUFACTURING INDUSTRIES OVER THE NEXT FIVE YEARS.
AD-634 737 5C T 66 15 HC$ 2.00 MF$ 0.50

CLOUD COVER
A STUDY OF NON-DEEPENING TROPICAL DISTURBANCE.
N66-14555 4B U 41 15 HC$ 3.00 MF$ 0.75

CLOUDS, AERIAL PHOTOGRAPHS
INVESTIGATION OF THE OPERATIONAL USE OF CLOUD PHOTOGRAPHS FROM WEATHER SATELLITES IN THE NORTH PACIFIC.
AD-413 944 4B U 41 15 HC$14.60

COAL, FLUIDIZED BED PROCESSES
PROCESS HEAT REACTOR PROGRAM.
TID-21288 18E U 41 15 HC$ 2.00 MF$ 0.50

COANDA EFFECT, DEFLECTION
AN EXPLORATORY INVESTIGATION INTO THE DEFLECTION OF THICK JETS BY THE COANDA EFFECT.
PB-169 457 20D U 41 15 HC$ 2.60 MF$ 0.50

COATINGS, ACOUSTIC IMPEDANCE
ACOUSTIC IMPEDANCE TUBE FOR STUDY OF ANECHOIC COATINGS.
AD-634 202 20A T 66 15 HC$ 1.00 MF$ 0.50

ANECHOIC COATING PROJECT: REPORT ON THE DETERMINATION OF ACOUSTIC PROPERTIES OF MATERIALS BY PROPAGATION OF WAVES IN WATER FILLED TUBES.
AD-634 203 20A T 66 15 HC$ 3.00 MF$ 0.75

COATINGS, CORROSION INHIBITION
TROPICAL EXPOSURE OF FINISHING SYSTEMS FOR FERROUS METALS.
AD-634 156 11C T 66 15 HC$ 2.00 MF$ 0.75

COATINGS, ENVIRONMENTAL TESTS
COATING STUDIES AT KWAJALEIN, KANEOHE, AND PORT HUENEME.
AD-634 201 11C T 66 15 HC$ 1.60 MF$ 0.50

COATINGS, FOOD
EDIBLE COATINGS FOR DRIED AND COMPACTED FOODS: PART II.
AD-634 252 6H T 66 15 HC$ 3.00 MF$ 0.75

COATINGS, REFRACTORY METAL ALLOYS
STUDY OF DUCTILE COATINGS FOR THE OXIDATION PROTECTION OF COLUMBIUM AND MOLYBDENUM ALLOYS.
AD-634 402 11C T 66 15 HC$ 2.00 MF$ 0.50

COAXIAL CABLES, CALIBRATION
COAXIAL ISOLATORS WITH TYPE N CONNECTORS: FREQUENCY RANGE, 0.5 TO 10.0 GHZ.
PB-169 998 14B U 41 15 HC$ 1.60 MF$ 0.50

COAXIAL CABLES, FLAME PROPAGATION
BURN INVESTIGATIONS OF SOME COAXIAL CABLES.
LA-3451 6R U 41 15 HC$ 2.00 MF$ 0.50

COBALT, SEMICONDUCTORS
ENERGY LEVELS AND NEGATIVE PHOTOCONDUCTIVITY IN COBALT-DOPED SILICON.
AD-634 579 20L T 66 15

COCKPITS, DESIGN
COCKPIT DESIGN STUDIES; STANDARD COCKPIT MOCKUP; SELECTION OF SUBJECTS FOR AIRCREW STATION DESIGN EXPERIMENTATION.
PB-169 222 5E U 41 15 HC$ 1.00 MF$ 0.50

COILS, GEOMETRIC FORMS
THE APPLICATION OF TOROIDAL GEOMETRY TO HIGH ENERGY STORAGE INDUCTORS.
AD-634 388 10C T 66 15 HC$ 1.00 MF$ 0.50

COINCIDENCE COUNTING, CORRECTIONS
DETERMINATION OF COINCIDENCE CORRECTIONS IN A PROPORTIONAL COUNTER. II. I. LEAST SQUARES ANALYSIS BY THE VARIATIONAL AND GENERAL METHODS.
MLM-1263 9B U 41 15 HC$ 2.00 MF$ 0.50

COLD WAR, PUBLIC OPINION
THE FUTURES OF THE COLD WAR - SOME RESULTS OF PROJECT OUTCOMES -,
AD-279 464 5D U 41 15 HC$ 6.60

COLD WEATHER TESTS, ARCTIC REGIONS
COLD REGIONS RESEARCH AND DEVELOPMENT SYMPOSIUM, HANOVER, NEW HAMPSHIRE, MARCH 17-18, 1964.
AD-634 471 8L T 66 15 HC$ 5.00 MF$ 1.00

COLLIMATORS, PRECISION FINISHING
FABRICATION OF PRECISION LEAD COLLIMATORS.
LA-3443 18D U 41 15 HC$ 1.00 MF$ 0.50

COLOR CENTERS, ELECTRON CAPTURE
PHONON CASCADE THEORY.
AD-634 445 20J T 66 15 HC$ 3.00 MF$ 0.50

COLORADO, REFINING(METALLURGY)
COLORADO METAL REFINING STUDY.
PB-170 285 5C U 41 15 HC$ 3.00 MF$ 0.75

COMBAT INFORMATION CENTERS, HUMAN ENGINEERING
HUMAN FACTORS RESEARCH IN COMMAND INFORMATION PROCESSING SYSTEMS,
AD-634 313 15C T 66 15 HC$ 2.00 MF$ 0.50

COMBAT NOISE, HEARING
SOME STUDIES OF TEMPORARY HEARING LOSSES RESULTING FROM REPEATED EXPOSURE TO GUNFIRE NOISE,
AD-634 690 6U T 66 15 HC$ 1.00 MF$ 0.50

COMBINATORIAL ANALYSIS, GRAPHICS
PARITY PATTERNS ON EVEN SEMIGRAPHS,
AD-634 755 12A T 66 15 HC$ 1.00 MF$ 0.50

COMBUSION, EXPLOSIVE MATERIALS
ON THE TRANSITION OF BURNING OF EXPLOSIVES TO DETONATION,
AD-634 307 19D T 66 15 HC$ 1.00 MF$ 0.50

COMBUSTION GASES, GAS ANALYSIS
ON THE FEASIBILITY OF ANALYZING ABLATOR BLOW-OFF GASES WITH A TIME-OF-FLIGHT MASS SPECTROMETER,
AD-634 135 7D T 66 15 HC$ 3.00 MF$ 0.50

COMBUSTION, ACOUSTIC PROPERTIES
SOLID PROPELLANT COMBUSTION INSTABILITY: OSCILLATORY BURNING OF SOLID ROCKET PROPELLANTS.
AD-634 278 21I T 66 15 HC$ 7.00 MF$ 1.50

COMBUSTION, CATALYSIS
A STUDY OF COMBUSTION CATALYSIS AND PROPELLANT DECOMPOSITION BY MASS SPECTROMETRY,
AD-468 333 21B U 41 15 HC$ 2.60 MF$ 0.50

COMBUSTION, SOLID ROCKET PROPELLANTS
MECHANISM OF CIALYTIC IGNITION AND COMBUSTION OF SOLID ROCKET PROPELLANTS.
AD-472 135 21I U 41 15 HC$ 1.10 MF$ 0.50

COMBUSTION, SUPERSONIC FLOW
THEORETICAL AND EXPERIMENTAL INVESTIGATION OF SUPERSONIC COMBUSTION,
AD-445 978 21B U 41 15 HC$ 4.00

AD-445 978 21B U 41 15 HC$12.60

MIXING AND COMBUSTION OF A SUPERSONIC FUEL JET AND A SUBSONIC, COAXIAL GAS STREAM,
AD-469 052 21B U 41 15 HC$ 5.60 MF$ 0.50

COMMAND + CONTROL SYSTEMS, DECISION MAKING
HUMAN FACTORS RESEARCH IN COMMAND INFORMATION PROCESSING SYSTEMS,
AD-634 313 15C T 66 15 HC$ 2.00 MF$ 0.50

COMMERCE, PENNSYLVANIA
ECONOMIC FEASIBILITY OF ESTABLISHING A REGIONAL DISTRIBUTION CENTER IN THE GREATER WILKES-BARRE, PENNSYLVANIA AREA, ITS ECONOMIC IMPACT AND THE PHYSICAL FACILITY.
PB-170 319 5C U 41 15 HC$ 3.00 MF$ 0.75

COMMERCE, SOUTH DAKOTA
SHOPPING FACILITY FEASIBILITY STUDY: PINE RIDGE, SOUTH DAKOTA,
PB-170 249 5C U 41 15 HC$ 3.00 MF$ 0.75

COMMERCE, WEST VIRGINIA
UTILIZING A COLLEGE'S RESOURCES TO PROVIDE TECHNICAL ASSISTANCE TO SMALL BUSINESS IN SOUTHERN WEST VIRGINIA.
PB-170 316 5C U 41 15 HC$ 3.00 MF$ 0.50

COMMUNICATION EQUIPMENT, CLEANING
EVALUATION OF ULTRASONIC CLEANER.
AD-470 066 13H U 41 15 HC$ 1.10 MF$ 0.50

COMMUNICATION EQUIPMENT, CORROSION
GALVANIC CORROSION IN COMMUNICATION EQUIPMENTS.
PB-169 807 17B U 41 15 HC$ 6.60

COMMUNICATION SYSTEMS, OPERATIONS RESEARCH
AUTOMATIC ALTERNATE ROUTING STUDY.
AD-634 281 17B T 66 15 HC$ 3.00 MF$ 0.50

COMMUNISM, PROBABILITY
ANTICIPATED CHANGES IN COMMUNIST NATIONS,
AD-279 919 5D U 41 15 HC$ 3.60

COMPILERS, GRAPHICS
GRAPHICS.
AD-634 251 9B T 66 15 HC$ 1.00 MF$ 0.50

COMPILERS, NUMERICAL ANALYSIS
RSSR ROUTINE, A ROOT-SQUARING AND SUBRESULTANT PROCEDURE FOR FINDING ZEROS OF REAL POLYNOMIALS,
ANL-6987 9B N 20 13 HC$ 3.00 MF$ 0.75

COMPILERS, PROGRAMMING(COMPUTERS)
A SIMPLE DEVICE FOR AIDING THE PROGRAMMING OF THE LGP-30 DIGITAL COMPUTER,
AD-457 197 9B U 41 15 HC$ 2.60

COMPOSITE MATERIALS, BORON
RESEARCH ON RESIN-IMPREGNATED, COLLIMATED BORON FILAMENTS AND IMPROVED HIGH-MODULUS, HIGH-STRENGTH FILAMENTS AND COMPOSITES,
AD-477 816 11D U 41 15 HC$28.80 MF$ 1.50

COMPOSITE MATERIALS, CARBIDES
PRINCIPLES GOVERNING THE BEHAVIOR OF SOLID MATERIALS IN SEVERE HIGH TEMPERATURE ENVIRONMENTS.
AD-466 458 21H U 41 15 HC$ 6.60 MF$ 0.75

COMPOSITE MATERIALS, DICTIONARIES
GLOSSARY TO THE SCIENCE OF COMPOSITES.
AD-634 604 11D T 66 15 HC$ 3.00 MF$ 0.75

COMPOSITE MATERIALS, ELECTRIC CABLES
COMPOSITE THERMOPLASTIC/GLASS FILAMENT REINFORCEMENT FOR BUOYANT SUBMARINE CABLE.
AD-634 719 11D T 66 15 HC$ 1.00 MF$ 0.50

COMPOSITE MATERIALS, LUBRICANTS
TECHNOLOGY OF MANUFACTURE AND PROPERTIES OF ANTIFRICTION MATERIALS CONTAINING FLUOROPLASTICS: (BASIC PRINCIPLES OF PRODUCTION),
AD-634 308 11H T 66 15 HC$ 3.00 MF$ 0.75

COMPOSITE MATERIALS, TENSILE PROPERTIES
EFFECT OF TEMPERATURE AND RATE OF LOADING ON THE TENSILE PROPERTIES OF GLASS-REINFORCED POLYESTER,
AD-451 322 11D U 41 15 HC$ 1.60

COMPOSITE MATERIALS, TUBES
MINIMUM WEIGHT DESIGN FOR COMPOSITE TUBES,
AD-634 656 20K T 66 15 HC$ 1.00 MF$ 0.50

COMPRESSIBLE FLOW, DATA PROCESSING SYSTEMS
A STUDY OF TRUNCATION ERRORS IN EULERIAN HYDRODYNAMICS,
LA-3407 9B U 41 15 HC$ 2.00 MF$ 0.50

COMPRESSORS, HIGH-TEMPERATURE RESEARCH
HIGH TEMPERATURE TESTING OF GRAPHITE HELICAL-SCREW EXPANDERS AND COMPRESSORS.
UCRL-14660 21E U 41 15 HC$ 3.00 MF$ 0.75

COMPUTERS, MULTIPLE OPERATION
TIME-SHARING ON A MULTICONSOLE COMPUTER,
AD-462 158 9B U 41 15 HC$ 2.60

COMPUTERS, OPERATIONS RESEARCH
AN EVALUATION OF COMMERCIAL TIME SHARING SYSTEMS.
AD-634 325 9B T 66 15 HC$ 3.00 MF$ 0.75

CONCRETE, LOADING(MECHANICS)
STATIC AND DYNAMIC TESTS OF BURIED UNREINFORCED CONCRETE ARCHES,
AD-634 675 20K T 66 15 HC$ 1.00 MF$ 0.50

CONCRETE, REACTOR SHIELDING MATERIALS
HIGH-STRENGTH, HIGH-DENSITY CONCRETE,
AD-450 625 18F U 41 15 HC$ 7.60

CONDENSATION, VAPORS
OPTICAL INVESTIGATION OF ADSORPTION AND SURFACE CONDENSATION OF VAPORS NEAR SATURATION,
AD-634 715 7D T 66 15 HC$ 1.10 MF$ 0.50

CONDUCTIVITY, ANALYSIS
IMPROVED ELECTRODELESS TOROIDAL CONDUCTIVITY ANALYZER,
RFP-657 18D U 41 15 HC$ 1.00 MF$ 0.50

CONFINEMENT, HEAT TRANSFER COEFICIENTS
TRANSIENT THERMAL BEHAVIOR IN FIXATION OF RADIOACTIVE MATERIALS,
BNWL-157 18G U 41 15 HC$ 4.00 MF$ 0.75

CONNECTICUT, ECONOMICS
FOUR-TOWN REDEVELOPMENT AREA IN SOUTHWESTERN CONNECTICUT COMPOSED OF THE TOWNS OF ANSONIA, DERBY, OXFORD, AND SEYMOUR,
PB-170 221 5C U 41 15 HC$ 3.00 MF$ 0.75

EVALUATION OF A REPORT ON A FOUR-TOWN REDEVELOPMENT AREA IN SOUTHWESTERN CONNECTICUT COMPOSED OF THE TOWNS OF ANSONIA, DERBY, OXFORD, AND SEYMOUR,
PB-170 237 5C U 41 15 HC$ 1.00 MF$ 0.50

CONSTRUCTION, USSR
A MATERIALS-INPUT INDEX OF SOVIET CONSTRUCTION, REVISED AND EXTENDED,
PB-170 537 5C U 41 15 HC$ 9.60

CONTACT
HEAT TRANSFER ACROSS SURFACES IN CONTACT - PRACTICAL EFFECTS OF TRANSIENT TEMPERATURE AND PRESSURE ENVIORNMENTS.
N66-16072 20M U 41 15 HC$ 2.00 MF$ 0.50

CONTAINERS, UNDERWATER
FLEXIBLE CONTAINERS FOR UNDERWATER STORAGE OF LIQUID FUELS,
AD-449 910 13D U 41 15 HC$ 1.10

CONTAINMENT, NUCLEAR REACTORS
STUDIES OF REACTOR CONTAINMENT STRUCTURES.
IITRI-S78P22-14 18I U 41 15 HC$ 7.00 MF$ 1.50

CONTAINMENT, RADIOACTIVE ISOTOPES
STUDY OF THE CHEMICAL INTEGRITY OF RADIOISOTOPE CONTAINMENT MATERIALS IN LAUNCH ABORT ENVIRONMENTS.
SC-DC-65-1918 22D U 41 15 HC$ 3.00 MF$ 0.75

CONTROL RODS, MANUFACTURING METHODS
THE MANUFACTURE OF THE CONTROL RODS FOR THE EXPERIMENTAL GAS COOLED REACTOR,
ORNL-3932 18I N 20 12 HC$ 2.00 MF$ 0.50

CONTROL SYSTEMS, HYDRAULIC SYSTEMS
HYDRAULIC AUTOMATION SYSTEMS,
AD-634 397 13G T 66 15 HC$ 4.00 MF$ 0.75

CONTROL SYSTEMS, SCIENTIFIC RESEARCH
SEMIANNUAL PROGRESS REPORT NO. 71.
AD-634 148 5A T 66 15 HC$ 3.00 MF$ 0.75

CONTROL SYSTEMS, STABILITY
THE ABSOLUTE STABILITY OF SYSTEMS WITH MULTIPLE NONLINEARITIES.
AD-634 309 12B T 66 15 HC$ 3.00 MF$ 0.50

CONTROL, THEORY
A STUDY OF SUB-OPTIMAL CONTROL LAWS,
AD-634 685 12B T 66 15 HC$ 1.00 MF$ 0.50

CONVECTIVE HEAT TRANSFER
COUPLED CONVECTIVE AND RADIATIVE HEATING TO SUPERORBITAL ENTRY VEHICLES,
N66-16378 20M U 41 15 HC$ 4.00 MF$ 0.75

CONVERGENT DIVERGENT NOZZLES, FILM COOLING
A FILM COOLING EXPERIMENT ON A CONVERGENT-DIVERGENT NOZZLE,
AD-634 587 13A T 66 15 HC$ 2.00 MF$ 0.50

COPPER ALLOYS, CORROSION
THE ATTACK OF COPPER-GOLD, SILVER-GOLD, COPPER-NICKEL, AND SILVER-COPPER ALLOYS BY SULFUR AT ELEVATED TEMPERATURES,
PB-169 085 11F U 41 15 HC$ 3.00 MF$ 0.75

CORROSION
FLUORIDE SOLID LUBRICANTS FOR EXTREME TEMPERATURES AND CORROSIVE ENVIRONMENTS,
N66-15243 11H U 41 15 HC$ 2.00 MF$ 0.50

CORROSION INHIBITION, BOILERS
LITERATURE SURVEY OF CORROSION PREVENTION IN IDLE BOILERS.
AD-634 211 11F T 66 15 HC$ 2.00 MF$ 0.50

CORROSION INHIBITION, COATINGS
COATING STUDIES AT KWAJALEIN, KANEOHE, AND PORT HUENEME.
AD-634 201 11C T 66 15 HC$ 1.60 MF$ 0.50

CORROSION, ELECTROLYSIS
GALVANIC CORROSION IN COMMUNICATION EQUIPMENTS.
PB-169 807 17B U 41 15 HC$ 6.60

CORROSION, SULFUR
THE ATTACK OF COPPER-GOLD, SILVER-GOLD, COPPER-NICKEL, AND SILVER-COPPER ALLOYS BY SULFUR AT ELEVATED TEMPERATURES,

PB-169 085 11F U 41 15 HC$ 3.00 MF$ 0.75

CORROSION, THERMODYNAMICS
THE THERMODYNAMICS OF CORROSION IN MOLTEN CARBONATES: APPLICATION OF E-PCO2 DIAGRAMS,
AD-449 958 11F U 41 15 HC$ 2.60

COSMIC RADIATION
THE IONIZING RADIATIONS IN SUPERSONIC TRANSPORT FLIGHTS,
N66-15240 6R U 41 15 HC$ 1.00 MF$ 0.50

COST EFFECTIVENESS, AIRCRAFT
METHODOLOGICAL PROBLEMS IN EVALUATING THE EFFECTIVENESS OF MILITARY AIRCRAFT DEVELOPMENT,
AD-634 243 1C T 66 15 HC$ 1.00 MF$ 0.50

COST EFFECTIVENESS, DEPARTMENT OF DEFENSE
THE ROLE OF THE MILITARY COMPTROLLER IN DEFENSE MANAGEMENT,
AD-634 196 5A T 66 15 HC$ 1.60 MF$ 0.50

COST EFFECTIVENESS, FOREIGN AID
APPLYING ANALYTIC METHODS TO PROBLEMS OF DEVELOPMENT ASSISTANCE,
AD-634 230 5D T 66 15 HC$ 1.00 MF$ 0.50

COSTS, DECISION MAKING
DECISION MAKING FOR PUBLIC INVESTMENT: DISCUSSION,
AD-634 200 14A T 66 15 HC$ 1.60 MF$ 0.50

COUNTING METHODS, SIGNALS
A MULTI-LEVEL COUNTING EQUIPMENT FOR ANALYSING ELECTRICAL SIGNALS.
AD-634 290 14B T 66 15 HC$ 2.00 MF$ 0.50

COUPLINGS, LOW-PRESSURE RESEARCH
CRYOGENIC EVALUATION LABORATORY TEST OF A (HASONEILAN) CRYOGENIC LOW-PRESSURE COUPLING,
LA-3454 13E U 41 15 HC$ 1.00 MF$ 0.50

CRATERING, NUCLEAR EXPLOSIONS
A THEORY OF SHOCK INTERACTIONS FOR MULTIPLE UNDERGROUND NUCLEAR EXPLOSIONS AND THE RESULTING HYPOTHETICAL CRATER VOLUMES,
AD-634 674 18C T 66 15 HC$ 1.00 MF$ 0.50

CREEP ANALYSIS
EFFECT OF CROSSLINK DENSITY ON THE CREEP BEHAVIOR OF NATURAL RUBBER VULCANIZATES,
N66-14531 11J U 41 15 HC$ 2.00 MF$ 0.50

CRITICAL ASSEMBLIES, POWER REACTORS
A CRITICALITY ANALYSIS OF THE ROMASHKA REACTOR.
AD-634 506 18L T 66 15 HC$ 3.00 MF$ 0.75

CRITICAL ASSEMBLIES, PROGRAMMING(COMPUTERS)
BIGG-II. A MULTIGROUP NEUTRON SPECTRUM AND CRITICALITY CODE,
PB-169 460 18K U 41 15 HC$ 3.00 MF$ 0.75

CRITICAL ASSEMBLIES, REACTOR KINETICS
THE CALCULATION OF SLOWING-DOWN TRANSFER MATRICES IN THE SPHERICAL HARMONICS REPRESENTATION,
NAA-SR-11530 18K U 41 15 HC$ 3.00 MF$ 0.75

CRITICAL ASSEMBLIES, REACTOR SYSTEM COMPONENTS
HYDRO -- A SMALL, WATER-COOLED, AND WATER-REFLECTED NEUTRON SOURCE,
LA-3374 18H U 41 15 HC$ 2.00 MF$ 0.50

CRYOGENICS, COUPLINGS
CRYOGENIC EVALUATION LABORATORY TEST OF A (HASONEILAN) CRYOGENIC LOW-PRESSURE COUPLING,
LA-3454 13E U 41 15 HC$ 1.00 MF$ 0.50

CRYOGENICS, LIQUEFIED GASES
COOLDOWN OF CRYOGENIC TRANSFER LINES,
LA-3426 20M U 41 15 HC$ 1.00 MF$ 0.50

CRYSTAL GROWTH, LASERS
SYMMETRICAL LASER CRYSTALS.
AD-442 555 20E U 41 15 HC$ 3.60

CRYSTAL GROWTH, SINGLE CRYSTALS
RESEARCH IN PURIFICATION AND SINGLE CRYSTAL GROWTH OF II-VI COMPOUNDS.
AD-634 591 20L T 66 15 HC$ 2.00 MF$ 0.50

CRYSTAL LATTICE DEFECTS, DIFFUSION
ENHANCED SURFACE LAYER DIFFUSION IN NON-METALLIC COMPOUNDS.
AD-634 558 20L T 66 15 HC$ 2.00 MF$ 0.50

CRYSTAL LATTICE DEFECTS, ELECTRON DIFFRACTION ANALYSIS
INTERPRETATION OF ELECTRON DIFFRACTION PATTERNS FROM THIN PLATELETS.
AD-634 238 11F T 66 15 HC$ 2.00 MF$ 0.50

CRYSTAL LATTICE DEFECTS, MOLYBDENUM
THE MICROSTRAIN REGION IN HIGH-PURITY REFRACTORY METALS.
AD-634 128 11F T 66 15 HC$ 2.00 MF$ 0.50

CRYSTAL LATTICES, MATHEMATICAL MODELS
LOCAL ORDER FOR TERNARY MATERIALS IN A CRYSTAL.
AD-634 486 20L T 66 15 HC$ 3.00 MF$ 0.75

CRYSTAL LATTICES, NUMERICAL METHODS + PROCEDURES
DYNAMICS OF DISORDERED HARMONIC LATTICES IN ONE, TWO, AND THREE DIMENSIONS,
LA-3471 20B U 41 15 HC$ 2.00 MF$ 0.50

CRYSTAL LATTICES, RADIATION DAMAGE
PASSAGE OF CHARGED PARTICLES THROUGH CRYSTAL LATTICES.
BROOKHAVEN LECTURE SERIES NUMBER 46,
BNL-944 20H U 41 15 HC$ 1.00 MF$ 0.50

CRYSTAL OSCILLATORS, CRYSTAL HOLDERS
GLASS INCLOSED MINIATURE CRYSTAL UNITS.
PB-169 972 9C U 41 15 HC$ 7.60

CRYSTAL OSCILLATORS, QUARTZ
DESIGN AND DEVELOPMENT OF FREQUENCY TEMPERATURE COMPENSATED QUARTZ CRYSTAL OSCILLATOR O-1227 ( )/U.
AD-634 520 9E T 66 15 HC$ 3.00 MF$ 0.75

CRYSTAL STRUCTURE, ALUMINUM COMPOUNDS
THE STRUCTURES OF THE ALUMINUM CARBONITRIDES.II.
AD-634 572 20B T 66 15

CRYSTAL STRUCTURE, ELECTRON DIFFRACTION ANALYSIS
A GENERAL METHOD FOR CALCULATING ELECTRON DIFFRACTION PATTERNS CONTAINING TWIN REFLECTIONS,
AD-441 383 20B U 41 15 HC$ 1.00

CRYSTAL STRUCTURE, X-RAY DIFFRACTION ANALYSIS
REFINEMENT OF THE CRYSTAL STRUCTURE OF MERCURIC SULFATE MONHYDRATE.
UCRL-10969 18J U 41 15 HC$ 1.00 MF$ 0.50

CRYSTALLIZATION, BORON
PURIFICATION AND CRYSTALLIZATION OF AMORPHOUS BORON POWDER BY ZONE REFINING. PRE-PURIFICATION OF BORON BEFORE ZONING.
TID-22221 7A N 20 12 HC$ 2.00 MF$ 0.50

CRYSTALS, LIQUIDS
INFLUENCE OF ELECTROMAGNETIC FIELDS ON LIQUID CRYSTALS,
AD-634 627 20B T 66 15 HC$ 1.00 MF$ 0.50

CRYSTALS, MECHANICAL PROPERTIES
DEFORMATION AND FRACTURE OF IONIC SOLIDS.
AD-634 733 11B T 66 15 HC$ 3.00 MF$ 0.75

CRYSTALS, PRECISION FINISHING
POLISHES AND ETCHES FOR TIN TELLURIDE, LEAD SULFIDE, LEAD SELENIDE, AND LEAD TELLURIDE: SUPPLEMENT.
AD-634 392 13H T 66 15 HC$ 1.00 MF$ 0.50

CRYSTALS, THERMOELECTRICITY
THEORETICAL QUARTERLY PROGRESS REPORTS, SEPTEMBER 1962, DECEMBER 1962, AND MARCH 1963.
AD-421 573 20L U 41 15 HC$ 9.60

CULTURE, LANGUAGE
A PILOT STUDY OF CROSS-CULTURAL MEANING,
PB-170 422 5G U 41 15 HC$ 1.10 MF$ 0.50

CUMULONIMBUS CLOUDS, ATMOSPHERIC MOTION
MESOMETEOROLOGICAL STUDIES.
AD-634 305 4B T 66 15 HC$ 4.00 MF$ 0.75

CURIUM, FISSION
ENERGY SPECTRA OF NEUTRONS AND GAMM RAYS FROM SPONTANEOUS FISSION OF 244 CM.
DP-949 18H U 41 15 HC$ 2.00 MF$ 0.50

CURRENT REGULATORS, SUPERCONDUCTIVITY
CONTROL OF THE CURRENT OF A SHORT-CIRCUITED SUPERCONDUCTIVE NETWORK,
AD-634 516 20C T 66 15 HC$ 1.00 MF$ 0.50

CURVED PANEL
JUNCTURE STRESS FIELDS IN MULTICELLULAR SHELL STRUCTURES. VOLUME VII. BUCKLING ANALYSIS OF SEGMENTAL ORTHOTROPIC CYLINDERS UNDER UNIFORM STRESS DISTRIBUTION.
N66-16384 20K U 41 15 HC$ 3.00 MF$ 0.75

CYCLOTRON RESONANCE PHENOMENA, PLASMA PHYSICS
SINGLE PULSE RESPONSE OF A PLASMA.
AD-634 287 20I T 66 15 HC$ 1.00 MF$ 0.50

CYCLOTRONS, ION BEAMS
NRDL 70-INCH CYCLOTRON EXTERNAL ION OPTICS SYSTEM,
AD-634 300 20I T 66 15 HC$ 1.00 MF$ 0.50

CYLINDRICAL BODIES, ELASTICITY
THE ELASTIC RESPONSE OF BURIED CYLINDERS IN SAND,
AD-634 648 20K T 66 15 HC$ 1.00 MF$ 0.50

CYLINDRICAL BODIES, LOADING(MECHANICS)
SHORT CYLINDER ANALYSIS,
NAA-SR-MEMO-10293 20K U 41 15 HC$ 3.00 MF$ 1.00

CYLINDRICAL BODIES, PRESSURE
PRESSURE DISTRIBUTIONS ON SINGLE AND TANDEM CYLINDERS MOUNTED ON A PLATE IN MACH NUMBER 5.0 FLOW.
AD-634 282 20D T 66 15 HC$ 3.00 MF$ 0.75

CYLINDRICAL TANK
FRACTURE MECHANICS OF THROUGH-CRACKED CYLINDRICAL PRESSURE VESSELS,
N66-15249 20K U 41 15 HC$ 2.00 MF$ 0.50

DAMPING, FLUIDS
RADIATION EFFECTS IN FLUOROLUBE.
AD-634 292 18H T 66 15 HC$ 1.00 MF$ 0.50

DAMS, HYDRAULIC MODELS
AN EVALUATION OF THE USE OF SELECTIVE DISCHARGES FROM LAKE ROOSEVELT TO COOR THE COLUMBIA RIVER,
BNWL-208 13B U 41 15 HC$ 3.00 MF$ 0.75

DATA PROCESSING SYSTEMS, BATHYTHERMOGRAPH DATA
STUDIES OF TECHNIQUES FOR THE ANALYSIS AND PREDICTION OF TEMPERATURE IN THE OCEAN. PART III. AUTOMATED ANALYSIS AND

PREDICTION.
AD-634 255 8J T 66 15 HC$ 3.00 MF$ 0.75

DATA PROCESSING SYSTEMS, ECONOMICS
POSSIBLE ECONOMIES THROUGH ELECTRONIC DATA PROCESSING.
AD-634 331 5A T 66 15 HC$ 1.60 MF$ 0.50

DATA PROCESSING SYSTEMS, INFORMATION RETRIEVAL
AESOP: A GENERAL PURPOSE APPROACH TO REAL-TIME, DIRECT ACCESS MANAGEMENT INFORMATION SYSTEMS.
AD-634 371 9B T 66 15 HC$ 2.00 MF$ 0.50

DATA PROCESSING SYSTEMS, MANAGEMENT PLANNING
THE FUTURE OF DATA PROCESSING IN STATE GOVERNMENT.
AD-634 333 5A T 66 15 HC$ 1.60 MF$ 0.50

DATA PROCESSING SYSTEMS, REVIEWS
INFORMATION SYSTEMS SUMMARIES.
AD-634 526 9B T 66 15 HC$ 3.00 MF$ 0.75

DATA PROCESSING SYSTEMS, SEISMOLOGY
A FREQUENCY-DOMAIN SYNTHESIS PROCEDURE FOR MULTIDIMENSIONAL MAXIMUM-LIKELIHOOD PROCESSING OF SEISMIC ARRAYS.
AD-634 233 8K T 66 15 HC$ 8.60 MF$ 0.75

DATA PROCESSING SYSTEMS, THEORY
PANEL 2 - INFORMATION SCIENCES TECHNOLOGY.
PB-169 686 5B U 41 15 HC$ 1.00 MF$ 0.50

DATA STORAGE SYSTEMS, DICTIONARIES
A HIGH-SPEED LARGE-CAPACITY DICTIONARY SYSTEM.
PB-169 696 5G U 41 15 HC$ 2.60 MF$ 0.50

DATA STORAGE SYSTEMS, DIGITAL RECORDING SYSTEMS
HIGH DENSITY DIGITAL RECORDING SYSTEM.
PB-169 697 9B U 41 15 HC$ 1.60 MF$ 0.50

DATA STORAGE SYSTEMS, HYDRODYNAMICS
REZONE-A PROPOSAL FOR ACCOMPLISHING REZONING IN TWO-DIMENSIONAL LAGRANGIAN HYDRODYNAMICS PROBLEMS.
LA-3455 9B U 41 15 HC$ 2.00 MF$ 0.50

DATA STORAGE SYSTEMS, MAGNETIC CORES
STATUS REPORT ON MAGNETICS TECHNOLOGY IN ADVANCED DATA SYSTEMS.
SC-RR-65-502 9B U 41 15 HC$ 5.00 MF$ 1.00

DECAY SCHEMES, RADIOACTIVE ISOTOPES
REACTOR YIELD CALCULATIONS FOR 81 RADIOISOTOPES PRODUCED BY (N,GAMMA) REACTIONS AT FLUXES OF 10 7 TO 10 16 N/CM 2.SEC FOR IRRADIATION TIMES OF 30 MINUTES TO ONE YEAR.
ORNL-IIC-8 18H N 20 12 HC$ 3.00 MF$ 0.75

DECISION MAKING, COSTS
DECISION MAKING FOR PUBLIC INVESTMENT: DISCUSSION.
AD-634 200 14A T 66 15 HC$ 1.60 MF$ 0.50

ECONOMIC PLANNING AND THE COST OF THINKING.
AD-634 448 5C T 66 15 HC$ 1.00 MF$ 0.50

DECISION MAKING, NETWORKS
DECISION NETWORKS.
AD-457 925 5A U 41 15 HC$ 8.60

DECISION MAKING, SYSTEMS ENGINEERING
SOME PROBLEMS ASSOCIATED WITH SYSTEMS ANALYSIS.
AD-634 375 12B T 66 15 HC$ 1.00 MF$ 0.50

THE ANALYTICAL BASES OF SYSTEMS ANALYSIS.
AD-634 512 14A T 66 15 HC$ 1.00 MF$ 0.50

DECISION THEORY, OPTIMIZATION
QUANTIFICATION OF OCKHAM'S RAZOR BY VIOLATION OF THE LIKELIHOOD PRINCIPLE.
AD-634 768 12A T 66 15 HC$ 1.00 MF$ 0.50

DECISION THEORY, STATISTICAL FUNCTIONS
GENERALIZED BAYES DECISION FUNCTIONS, ADMISSIBILITY AND THE EXPONENTIAL FAMILY.
AD-634 774 12A T 66 15 HC$ 1.00 MF$ 0.50

DECODING, INFORMATION THEORY
INFORMATION CONTENT OF LIST-DETECTED FADING M-ARY TRANSMISSIONS.
AD-634 147 9D T 66 15 HC$ 2.00 MF$ 0.50

DEFENSE SYSTEMS, INDIA
BOUNDARY CONDITIONS OF THE SINO-INDIAN CONFLICT.
AD-450 405 5D U 41 15 HC$15.30

DELAY LINES, ULTRAHIGH FREQUENCY
TRANSMISSION MODE UHF MAGNETO-ACOUSTIC DELAY LINE.
AD-634 640 9A T 66 15 HC$ 1.00 MF$ 0.50

DELTA WINGS, HYPERSONIC FLOW
LINEAR, ROTATIONAL FLOW OVER THE WINDWARD SIDE OF A HYPERSONIC DELTA WING.
AD-634 146 20D T 66 15 HC$ 2.00 MF$ 0.50

DENSITOMETER
SCINTILLATION TYPE NUCLEAR DENSITOMETER, MODEL 143 A. HIGH COUNTING RATE, SCINTILLATION TYPE NUCLEAR DENSITOMETER, MODEL 143 B. EVALUATION OF PRECISION GAMMA RADIATION DENSITOMETER TECHNIQUES FOR CRYOGENIC LIQUIDS.
N66-16076 14E U 41 15 HC$ 5.00 MF$ 1.00

DENSITY, HYDROSTATICS
LIQUID MEDIA FOR DENSITY MEASUREMENTS OF BERYLLIUM, PLUTONIUM, AND URANIUM.
RFP-691 18J U 41 15 HC$ 2.00 MF$ 0.50

DENTISTRY, ASTRONAUTS
AN EMERGENCY DENTAL KIT ENCASEMENT FOR USE ON EXTRATERRESTRIAL MISSIONS.
AD-634 466 6E T 66 15 HC$ 1.00 MF$ 0.50

DEPARTMENT OF DEFENSE, MANAGEMENT PLANNING
THE ROLE OF THE MILITARY COMPTROLLER IN DEFENSE MANAGEMENT.
AD-634 196 5A T 66 15 HC$ 1.60 MF$ 0.50

DESALINATION, DISTILLING PLANTS
1,000,000 GALLON PER DAY MULTISTAGE-MULTIEFFECT IMPROVED DISTILLATION SEA WATER CONVERSION PLANT AT SAN DIEGO, CALIFORNIA.
PB-170 735 13B U 41 15 HC$ 8.10 MF$ 2.25

DETERGENTS, EFFECTIVENESS
THE USE OF SOFT DETERGENTS IN P-C-436B AND P-C-437 CLEANERS.
AD-438 940 11K U 41 15 HC$ 1.60

DETONATION WAVES, SHOCK WAVES
EXPERIMENTAL INVESTIGATION OF THE INITIATION OF DETONATION BEHIND A REFLECTED SHOCK WAVE.
AD-634 288 20D T 66 15 HC$ 2.00 MF$ 0.50

DETONATIONS, DYNAMICS
ON THE TRANSITION OF BURNING OF EXPLOSIVES TO DETONATION.
AD-634 307 19D T 66 15 HC$ 1.00 MF$ 0.50

DETONATIONS, HYDRAZINE DERIVATIVES
THE DETONATION BEHAVIOR OF HYDRAZINE MONONITRATE.
AD-634 602 19A T 66 15 HC$ 1.00 MF$ 0.50

DETONATIONS, VELOCITY
PRIMERS AND EXPLOSIVES.
AD-634 414 19A T 66 15 HC$ 1.00 MF$ 0.50

DEUTERONS, ELECTRON BOMBARDMENT
DEUTERON ELECTROMAGNETIC FORM FACTORS FOR 3F TO THE -2ND POWER .< Q SQ. < 6F TO THE 2ND POWER.
PB-169 606 20H U 41 15 HC$ 2.60 MF$ 0.50

DIATOMIC MOLECULES, RELAXATION TIME
POPULATION DISTRIBUTIONS DURING VIBRATIONAL RELAXATION OF DIATOMIC GASES.
AD-634 437 7D T 66 15 HC$ 2.00 MF$ 0.50

DICTIONARIES, COMPOSITE MATERIALS
GLOSSARY TO THE SCIENCE OF COMPOSITES.
AD-634 604 11D T 66 15 HC$ 3.00 MF$ 0.75

DICTIONARIES, DATA STORAGE SYSTEMS
A HIGH-SPEED LARGE-CAPACITY DICTIONARY SYSTEM.
PB-169 696 5G U 41 15 HC$ 2.60 MF$ 0.50

DIELECTRICS, NUMERICAL ANALYSIS
PROPERTIES OF DIELECTRICS FROM REFLECTION COEFFICIENTS IN ONE DIMENSION.
AD-422 444 20C U 41 15 HC$ 5.60

DIELECTRICS, RESONATORS
THEORY OF A CIRCULAR DIELECTRIC RESONATOR. II.
AD-634 246 20E T 66 15 HC$ 1.00 MF$ 0.50

THEORY OF A CIRCULAR DIELECTRIC RESONATOR. I.
AD-634 248 20E T 66 15 HC$ 1.00 MF$ 0.50

DIELECTRICS, SURFACE PROPERTIES
SCATTERING OF A SURFACE WAVE FROM AN ABRUPT CHANGE IN THICKNESS ON A DIELECTRIC SLAB.
AD-634 150 20N T 66 15 HC$ 3.00 MF$ 0.75

DIET, METABOLISM
BIOCHEMICAL AND DIETARY PROCEDURES. FOR USE IN THE STUDY OF METABOLIC FUNCTIONS AND FOR THE EVALUATION OF NUTRITIONAL STATUS.
PB-169 808 6A U 41 15 HC$61.20

DIFFERENCE EQUATIONS, STOCHASTIC PROCESSES
STOCHASTIC DIFFERENCE EQUATIONS OCCURING IN ONE-COMPARTMENT MODELS.
ORNL-3920 12A U 41 15 HC$ 2.00 MF$ 0.50

DIFFERENTIAL CROSS SECTION, SCATTERING
THEORETICAL DIFFERENTIAL SCATTERING CROSS SECTIONS OF X RAYS FOR H, HE, LI, LI PLUS, BE, B, C, AND C IN THE VALENCE STATE.
UCRL-14403 20H N 20 12 HC$ 4.00 MF$ 1.00

DIFFERENTIAL EQUATIONS, THEORY
CONDITIONAL STABILITY AND DICHOTOMIES.
AD-634 417 12A T 66 15

RECENT CONTRIBUTIONS TO LYAPUNOV'S SECOND METHOD.
AD-634 418 12A T 66 15

SOME PROBLEMS CONCERNING STABILITY IN THE LARGE.
AD-634 419 12A T 66 15

DIFFRACTION, ELECTROMAGNETIC WAVES
DIFFRACTION OF A PLANE WAVE BY A PARABOLOID OF REVOLUTION.
AD-634 758 20C T 66 15 HC$ 4.00 MF$ 0.75

DIFFUSION, NON-METALS
ENHANCED SURFACE LAYER DIFFUSION IN NON-METALLIC COMPOUNDS.
AD-634 558 20L T 66 15 HC$ 2.00 MF$ 0.50

DIFFUSION, TRACER STUDIES
SURFACE DIFFUSION STUDIES.
NYO-2994-3 20L U 41 15 HC$ 3.00 MF$ 0.50

DIGITAL COMPUTERS, PROGRAMMING(COMPUTERS)

A SIMPLE DEVICE FOR AIDING THE PROGRAMMING OF THE LGP-30 DIGITAL COMPUTER.
AD-457 197 9B U 41 15 HC$ 2.60

DIAN - A SYSTEM FOR PROGRAMMING A DIGITAL COMPUTER IN TERMS OF ANALOG COMPONENTS.
IS-1225 9B U 41 15 HC$ 3.00 MF$ 0.75

DIGITAL RECORDING SYSTEMS. MAGNETIC RECORDING SYSTEMS
HIGH DENSITY DIGITAL RECORDING SYSTEM.
PB-169 697 9B U 41 15 HC$ 1.60 MF$ 0.50

DIGITAL RECORDING SYSTEMS. MAGNETIC TYPE
PERFORMANCE CHARACTERISTICS OF HIGH DENSITY DIGITAL MAGNETIC TAPE RECORDING SYSTEMS.
PB-169 410 14C U 41 15 HC$ 1.60 MF$ 0.50

DIGITAL SYSTEMS. MEASUREMENT
LOW RESOLUTION LENGTH MEASUREMENT BY A SIMPLE DIGITAL METHOD.
AD-634 218 14B T 66 15 HC$ 1.00 MF$ 0.50

DIODES(SEMICONDUCTOR). LASERS
SEMICONDUCTOR LIGHT SOURCES.
AD-470 376 20E U 41 15 HC$ 3.60 MF$ 0.50

DIODES(SEMICONDUCTOR). MANUFACTURING METHODS
PRODUCTION ENGINEERING MEASURE: MECHANIZATION FOR .4 WATT DIODES AND 2N560 2N1051 2N1072 2N1195 TRANSISTORS. PHASE I.
AD-411 558 9A U 41 15 HC$61.50

DIODES(SEMICONDUCTOR). RUTILE
OXIDE SEMICONDUCTOR MATERIALS AND DEVICE RESEARCH.
AD-458 541 20L U 41 15 HC$ 3.00 MF$ 0.75

DIODES(SEMICONDUCTOR). SILICON
A PRODUCT ENGINEERING MEASURE FOR THE IMPROVEMENT OF PRODUCTION TECHNIQUES TO INCREASE THE RELIABILITY AND TO IMPROVE PRODUCT CAPABILITY OF HIGH VOLTAGE MINIATURE SILICON RECTIFIERS.
AD-634 386 9A T 66 15 HC$ 2.00 MF$ 0.50

DIPOLE ANTENNAS. TESTS
ANTENNA GROUP AN/TLA-8(XE-2).
AD-268 358 9F U 41 15 HC$12.60

DIPTERA. MORPHOLOGY(BIOLOGY)
ILLUSTRATED KEYS TO ADULT FILTH FLIES OF JAPAN.
AD-634 125 6C T 66 15 HC$ 5.00 MF$ 1.00

DISEASE VECTORS. HEMOSPORIDIA
ANOPHELES VECTORS OF MALARIA IN SOUTHEAST ASIA.
AD-634 683 6C T 66 15 HC$ 1.00 MF$ 0.50

DISEASE VECTORS. INDEXES
CURRENT REFERENCES IN MEDICAL ENTOMOLOGY FROM RUSSIAN, CENTRAL AND EASTERN EUROPEAN AND CHINESE LITERATURE. VOLUME V. NUMBER 4.
AD-634 279 6C T 66 15 HC$ 1.00 MF$ 0.50

CURRENT REFERENCES IN MEDICAL ENTOMOLOGY FROM RUSSIAN, CENTRAL AND EASTERN EUROPEAN AND CHINESE LITERATURE. VOLUME NO. V. NUMBER 5.
AD-634 280 6C T 66 15 HC$ 1.00 MF$ 0.50

CURRENT REFERENCES IN MEDICAL ENTOMOLOGY FROM RUSSIAN, CENTRAL AND EASTERN EUROPEAN AND CHINESE LITERATURE. VOLUME V. NUMBER 3.
AD-634 355 6C T 66 15 HC$ 1.00 MF$ 0.50

DISTANCE-MEASURING EQUIPMENT. MICROWAVE EQUIPMENT
EXPECTED INSTRUMENT ACCURACY OF MICROWAVE DISTANCERS.
AD-634 240 20N T 66 15 HC$ 4.00 MF$ 0.75

DISTILLING PLANTS. CONSTRUCTION
1,000,000 GALLON PER DAY MULTISTAGE-MULTIEFFECT IMPROVED DISTILLATION SEA WATER CONVERSION PLANT AT SAN DIEGO, CALIFORNIA.
PB-170 735 13B U 41 15 HC$ 8.10 MF$ 2.25

DISTRIBUTION FUNCTIONS. INDUSTRIAL PRODUCTION
PRODUCTION FUNCTIONS AND CAPITAL DEPRECIATION.
AD-634 199 5C T 66 15 HC$ 2.60 MF$ 0.50

DISTRIBUTION THEORY. FUNCTIONS
ANALYTIC REPRESENTATION OF GENERALIZED FUNCTIONS.
AD-634 559 12A T 66 15 HC$ 2.00 MF$ 0.50

DISTRIBUTION THEORY. STATISTICAL DISTRIBUTIONS
A MULTIVARIATE EXPONENTIAL DISTRIBUTION.
AD-634 335 12A T 66 15 HC$ 2.00 MF$ 0.50

DISTRIBUTION(ECONOMICS). PENNSYLVANIA
ECONOMIC FEASIBILITY OF ESTABLISHING A REGIONAL DISTRIBUTION CENTER IN THE GREATER WILKES-BARRE, PENNSYLVANIA AREA, ITS ECONOMIC IMPACT AND THE PHYSICAL FACILITY.
PB-170 319 5C U 41 15 HC$ 3.00 MF$ 0.75

DISTURBING FUNCTION
ANALYTICAL DEVELOPMENT OF THE PLANETARY DISTURBING FUNCTION ON A DIGITAL COMPUTER.
N66-14551 3B U 41 15 HC$ 3.00 MF$ 0.75

DOCUMENTATION. CHEMISTRY
UNCLASSIFIED PUBLICATIONS, 1965.
RFP-516A 5B N 20 12 HC$ 2.00 MF$ 0.50

DOCUMENTATION. CORRECTIONS
AUTOMATIC CORRECTION OF ERRORS IN TEXT.
PB-170 419 5B U 41 15 HC$ 1.10 MF$ 0.50

DOCUMENTATION. DIGITAL RECORDING SYSTEMS
PERFORMANCE CHARACTERISTICS OF HIGH DENSITY DIGITAL MAGNETIC TAPE RECORDING SYSTEMS.
PB-169 410 14C U 41 15 HC$ 1.60 MF$ 0.50

DOCUMENTATION. INSTRUCTION MANUALS
DESCRIPTIVE CATALOGING GUIDE.
TID-4577 5B U 41 15 HC$ 1.80 MF$ 0.75

DOCUMENTATION. MANAGEMENT ENGINEERING
MINUTES OF ANNUAL MEETING (8TH) HELD AT THE DAYTONA PLAZA HOTEL, DAYTONA BEACH, FLORIDA, APRIL 27 THROUGH APRIL 29, 1966.
AD-634 400 5A T 66 15 HC$ 7.55 MF$ 2.00

DOCUMENTATION. MILITARY ENGINEERING
EDIS TASK I REPORT, WORK UNIT 1.2, CATEGORIZATION OF AVAILABLE DATA AND INFORMATION.
AD-634 321 5B T 66 15 HC$ 8.90 MF$ 2.50

EDIS TASK I REPORT, WORK UNIT 1.3, IDENTIFICATION OF USER NEEDS.
AD-634 322 5B T 66 15 HC$ 4.00 MF$ 0.75

EDIS TASK I REPORT, WORK UNIT 1.4: IDENTIFICATION OF DISCIPLINES AND FIELDS.
AD-634 323 5B T 66 15 HC$ 4.00 MF$ 0.75

EDIS TASK I, WORK UNIT 1.9: CATEGORIZATION OF EXISTENT DATA SYSTEMS.
AD-634 324 5B T 66 15 HC$ 7.00 MF$ 1.75

DOCUMENTATION. OPERATIONS RESEARCH
PANEL 2 - INFORMATION SCIENCES TECHNOLOGY.
PB-169 686 5B U 41 15 HC$ 1.00 MF$ 0.50

DOCUMENTATION. REPORTS
REPORT NUMBER SERIES USED BY THE DIVISION OF TECHNICAL INFORMATION IN CATALOGING REPORTS.
TID-85(5TH REV.) 5B N 20 13 HC$ 4.00 MF$ 1.00

DOPING. SILICON
ENERGY LEVELS AND NEGATIVE PHOTOCONDUCTIVITY IN COBALT-DOPED SILICON.
AD-634 579 20L T 66 15

DOPPLER EFFECT. SATELLITE NETWORKS
ANALYSIS OF THE OBSERVATIONAL CONTRIBUTIONS TO THE ERRORS OF THE NAVY SATELLITE DOPPLER GEODETIC SYSTEM.
AD-464 349 8E U 41 15 HC$ 8.60

DOSE RATE. RADIATION MEASUREMENT SYSTEMS
GAMMA DOSE RATE MEASUREMENTS - KIWI TRANSIENT NUCLEAR TEST.
LA-3446 18D U 41 15 HC$ 2.00 MF$ 0.50

DOWNWASH. BLAST
HELICOPTER DOWNWASH BLAST EFFECTS STUDY.
AD-452 177 1B U 41 15 HC$ 4.60

DRAG. GUIDED MISSILES
A CORRELATION OF THE BASE DRAG OF BODIES-OF-REVOLUTION WITH A JET EXHAUSTING THROUGH THE BASE.
AD-634 662 16D T 66 15 HC$ 1.00 MF$ 0.50

DRAG. REENTRY VEHICLES
HIGH-ALTITUDE REENTRY DRAG EFFECTS.
AD-634 390 22C T 66 15 HC$ 1.00 MF$ 0.50

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RAPID EMPLACEMENT AND RETRIEVING DEVICE FOR GROUND STAKES SP 112/G AND GP-113/G.
AD-427 305 13M U 41 15 HC$19.00

DRIVE SHAFTS. PROPELLERS(AERIAL)
A STUDY OF TWIN-ENGINE AIRPLANE PROPELLER INTERCONNECTION.
PB-170 483 1C U 41 15 HC$ 7.60 MF$ 0.75

DUCTILITY. REFRACTORY METALS
DUCTILITY OF REFRACTORY METALS THROUGH THERMAL TECHNIQUES.
AD-634 665 11F T 66 15 HC$ 1.00 MF$ 0.50

DUCTS. HEAT TRANSFER
HEAT TRANSFER IN THE CASE OF TURBULENT MOTION OF A FLUID IN AN ANNULAR DUCT.
AD-634 232 20M T 66 15 HC$ 1.00 MF$ 0.50

DUST. DEPOSITION
DEPOSITION OF PARTICLES IN A TURBULENT SLOT FLOW.
AD-634 671 20D T 66 15 HC$ 1.00 MF$ 0.50

DYNAMIC PRESSURE
STUDY OF PURE FLUID PHENOMENA.
N66-16075 13G U 41 15 HC$ 4.00 MF$ 0.75

DYNAMIC PROGRAMMING. OPTIMIZATION
CONTRACTION MAPPINGS IN THE THEORY UNDERLYING DYNAMIC PROGRAMMING.
AD-634 348 12B T 66 15 HC$ 2.00 MF$ 0.50

DYNAMIC PROGRAMMING. SCHEDULING
DYNAMIC PROGRAMMING SOLUTION OF ALLOCATION PROBLEMS.
PB-169 659 12B U 41 15 HC$ 1.60

DYNAMIC RESPONSE
THE DYNAMIC STIFFNESS OF A PNEUMATTIC TIRE MODEL.
N66-16079 20K U 41 15 HC$ 1.00 MF$ 0.50

EARPHONES. TESTS
A STUDY OF ACOUSTICAL MULTIPATH SYSTEMS. SECTION II. SUBJECTIVE TESTING.
AD-634 369 9A T 66 15 HC$ 1.00 MF$ 0.50

EARTH(PLANET), INTERNAL FRICTION
ANELASTIC PROPERTIES OF THE EARTH.
AD-634 286 8K T 66 15 HC$ 2.00 MF$ 0.50

EAST REACTORS, REACTOR OPERATION
FCC-A FUNDAMENTAL MODE CODE FOR FAST REACTOR ANALYSIS,
BNWL-234 9B N 20 13 HC$ 4.00 MF$ 0.75

EASTERN EUROPE, LANGUAGE
COMPOUNDING AS A PHONOLOGICAL PROCESS,
PB-170 491 5G U 41 15 HC$ 1.10 MF$ 0.50

ECHO RANGING, SONAR TARGETS
ECHOES FROM HOLLOW ALUMINUM SPHERES IN WATER,
AD-634 546 17A T 66 15 HC$ 2.00 MF$ 0.50

ECOLOGY, PHILIPPINES
STUDIES OF THE ECOLOGY OF CLARK AB, CENTRAL LUZON, R.P. I. CLIMATOLOGY.
AD-634 391 4B T 66 15 HC$ 2.00 MF$ 0.50

ECOLOGY, RADIOACTIVE ISOTOPES
DEVELOPMENT OF A 137 CS FACILITY FOR ECOLOGICAL RESEARCH,
TID-22499 8F N 20 12 HC$ 2.00 MF$ 0.50

ECONOMICS, ALASKA
KODIAK, ALASKA ITS RESOURCES ITS ECONOMY AND ITS POTENTIAL, WITH A REVIEW OF THE IMPACT OF THE KODIAK-TO-MAINLAND FERRY.
PB-170 310 5C U 41 15 HC$ 5.00 MF$ 1.25

ECONOMICS, ASTRONAUTICS
ECONOMIC IMPACT OF SPACE EXPENDITURES,
AD-634 353 5C T 66 15 HC$ 1.00 MF$ 0.50

ECONOMICS, BIBLIOGRAPHIES
RAND CORPORATION PUBLICATIONS RELEVANT TO ECONOMIC DEVELOPMENT-A SELECTIVE BIBLIOGRAPHY,
AD-432 323 5C U 41 15 HC$ 3.00

ECONOMICS, CALIFORNIA
POTENTIAL CONTRIBUTION OF THE MARINE ENVIRONMENT TO ECONOMIC REDEVELOPMENT OF THE NORTH COAST COUNTIES OF CALIFORNIA,
PB-170 268 5C U 41 15 HC$ 2.00 MF$ 0.50

ECONOMICS, COLORADO
COLORADO METAL REFINING STUDY.
PB-170 285 5C U 41 15 HC$ 3.00 MF$ 0.75

ECONOMICS, CONNECTICUT
FOUR-TOWN REDEVELOPMENT AREA IN SOUTHWESTERN CONNECTICUT COMPOSED OF THE TOWNS OF ANSONIA, DERBY, OXFORD, AND SEYMOUR,
PB-170 221 5C U 41 15 HC$ 3.00 MF$ 0.75

EVALUATION OF A REPORT ON A FOUR-TOWN REDEVELOPMENT AREA IN SOUTHWESTERN CONNECTICUT COMPOSED OF THE TOWNS OF ANSONIA, DERBY, OXFORD, AND SEYMOUR,
PB-170 237 5C U 41 15 HC$ 1.00 MF$ 0.50

ECONOMICS, DATA PROCESSING SYSTEMS
POSSIBLE ECONOMIES THROUGH ELECTRONIC DATA PROCESSING,
AD-634 331 5A T 66 15 HC$ 1.60 MF$ 0.50

ECONOMICS, EMPLOYMENT
REVIEW AND EVALUATE SELECTED OEDPS.
PB-170 312 5C U 41 15 HC$ 7.00 MF$ 1.75

ECONOMICS, FLORIDA
TOURIST AND RECREATION POTENTIAL: LAFAYETTE AND SUWANNE COUNTIES, SUWANNE RIVER AREA, FLORIDA,
PB-170 233 5C U 41 15 HC$ 4.00 MF$ 0.75

ECONOMICS, GAME THEORY
PURE COMPETITION, COALITIONAL POWER AND FAIR DIVISION,
AD-634 698 5C T 66 15 HC$ 3.00 MF$ 0.50

ECONOMICS, IDAHO
TOURIST AND RECREATION POTENTIAL: IDAHO 'PANHANDLE' AREA,
PB-170 230 5C U 41 15 HC$ 4.00 MF$ 0.75

ECONOMICS, ILLINOIS
APRE-FEASIBILITY STUDY OF POSSIBLE PROJECT FOR RIVER VIEW ESTATES, INC., CALHOUN COUNTY, ILLINOIS.
PB-170 246 5C U 41 15 HC$ 2.00 MF$ 0.50

A PRE-FEASIBILITY STUDY OF PROJECTS PROPOSED BY HIDDEN VALLEY RANCH, INC., CALHOUN COUNTY, ILLINOIS.
PB-170 279 5C U 41 15 HC$ 3.00 MF$ 0.75

ECONOMICS, INDIA
BOUNDARY CONDITIONS OF THE SINO-INDIAN CONFLICT.
AD-450 405 5D U 41 15 HC$15.30

ECONOMICS, INDUSTRIAL PRODUCTION
PRODUCTION FUNCTIONS AND CAPITAL DEPRECIATION,
AD-634 199 5C T 66 15 HC$ 2.60 MF$ 0.50

ECONOMICS, KENTUCKY
OVERALL ECONOMIC DEVELOPMENT PROGRAM EAST LAKE CUMBERLAND PROGRAM EVALUATION AND RECOMMENDATIONS FOR ACTION.
PB-170 254 5C U 41 15 HC$ 2.00 MF$ 0.50

ORGANIZATIONAL AND PROCEDURAL OUTLINE FOR OVERALL ECONOMIC DEVELOPMENT PROGRAM AREAS.
PB-170 255 5C U 41 15 HC$ 2.00 MF$ 0.50

OVERALL ECONOMIC DEVELOPMENT PROGRAM NORTHEASTERN KENTUCKY COUNTIES PROGRAM EVALUATION AND RECOMMENDATIONS FOR ACTION.
PB-170 256 5C U 41 15 HC$ 2.00 MF$ 0.50

OVERALL ECONOMICDEVELOPMENT PROGRAM: UPPER KENTUCKY RIVER VALLEY: PROGRAM EVALUATION AND RECOMMENDATIONS FOR ACTION.
PB-170 257 5C U 41 15 HC$ 2.00 MF$ 0.50

REGION I -- AGRICULTURE: ECONOMIC ANALYSIS OF A SELECTED AREA IN EASTERN KENTUCKY.
PB-170 260 5C U 41 15 HC$ 4.00 MF$ 0.75

OVERALL ECONOMIC DEVELOPMENT PROGRAM MIDDLE KENTUCKY RIVER VALLEY PROGRAM EVALUATION AND RECOMMENDATIONS FOR ACTION.
PB-170 278 5C U 41 15 HC$ 2.00 MF$ 0.50

ECONOMICS, LATIN AMERICA
LATIN AMERICAN AND INDIAN POLITICAL ECONOMY COMPARED: SOME COMPARISONS DERIVED FROM K. B. GRIFFIN'S 'REFLECTIONS ON LATIN AMERICAN DEVELOPMENT,'
AD-634 244 5D T 66 15 HC$ 1.00 MF$ 0.50

PROBLEMS IN EVALUATING LATIN AMERICAN DEVELOPMENT,
AD-634 376 5C T 66 15 HC$ 1.00 MF$ 0.50

ECONOMICS, MANAGEMENT PLANNING
ECONOMIC PLANNING AND THE COST OF THINKING,
AD-634 448 5C T 66 15 HC$ 1.00 MF$ 0.50

ECONOMICS, MARYLAND
TOURIST AND RECREATION POTENTIAL: SOUTHERN MARYLAND (CALVERT, CHARLES AND ST. MARY'S COUNTIES,
PB-170 231 5C U 41 15 HC$ 3.00 MF$ 0.75

ECONOMICS, MASSACHUSETTS
A STUDY OF FACTORS AFFECTING INDUSTRIAL GROWTH IN NORTHERN MIDDLESEX COUNTY AND ENVIRONS.
PB-170 311 5C U 41 15 HC$ 5.00 MF$ 1.25

ESSEX COUNTY, MASSACHUSETTS: A NINE POINT PROGRAM FOR ECONOMIC DEVELOPMENT.
PB-170 335 5C U 41 15 HC$ 6.00 MF$ 1.50

ECONOMICS, MICHIGAN
INDUSTRIAL-DEVELOPMENT OPPORTUNITIES FOR THE PORT OF MONROE.
PB-170 282 5C U 41 15 HC$ 5.00 MF$ 1.00

ECONOMICS, MINNESOTA
FEASIBILITY OF ESTABLISHING A NON-INTEGRATED TISSUE MANUFACTURING FACILITY AT TWO HARBORS, MINNESOTA.
PB-170 321 5C U 41 15 HC$ 5.00 MF$ 1.00

FILLING GAPS IN THE EXISTING TECHNOLOGY AND RESEARCH UNDER WAY ON CUYUNA RANGE ORES.
PB-170 328 5C U 41 15 HC$ 2.00 MF$ 0.50

ECONOMICS, MISSOURI
THE ECONOMIC FEASIBILITY OF COMMERCIAL FRUIT AND VEGETABLE PRODUCTION AND PROCESSING IN THE MISSOURI DELTA.
PB-170 302 5C U 41 15 HC$ 3.00 MF$ 0.75

ECONOMICS, NEW MEXICO
FOREST INVENTORY: ISLETA PUEBLO FOREST LANDS, NEW MEXICO.
PB-170 273 5C U 41 15 HC$ 3.00 MF$ 0.75

FOREST INVENTORY: JEMEZ PUEBLO FOREST LANDS NEW MEXICO,
PB-170 274 5C U 41 15 HC$ 3.00 MF$ 0.75

ECONOMICS, NEW YORK
TOURIST AND RECREATION POTENTIAL: LAKE CHAMPLAIN-ADIRONACK AREA (ESSEX AND CLINTON COUNTIES, NEW YORK AND GRAND ISLE COUNTY, VERMONT),
PB-170 234 5C U 41 15 HC$ 4.00 MF$ 1.00

EXPANDING EXISTING INDUSTRIES TO CREATE NEW JOB OPPORTUNITIES IN FULTON COUNTY, NEW YORK.
PB-170 318 5C U 41 15 HC$ 2.00 MF$ 0.50

SELECTED ONEIDA COUNTY, NEW YORK INDUSTRIAL STRUCTURES AND SITES SURVEY.
PB-170 340 5C U 41 15 HC$ 6.00 MF$ 1.25

ECONOMICS, NORTH AMERICA
THE SKIER MARKET IN NORTHEAST NORTH AMERICA.
PB-170 222 5C U 41 15 HC$ 3.00 MF$ 0.75

ECONOMICS, NORTH CAROLINA
TOURIST AND RECREATION POTENTIAL WESTERN NORTH CAROLINE (ALLEGHANY, ASHE, AVERY, CHEROKEE, CLAY, GRAHAM, MACON, MADISON, MITCHELL, SWAIN, WATAUGA, AND YANCEY COUNTIES),
PB-170 259 5C U 41 15 HC$ 4.00 MF$ 1.00

ECONOMICS, OHIO
TOURIST AND RECREATION POTENTIAL: MONROE COUNTY, OHIO,
PB-170 235 5C U 41 15 HC$ 3.00 MF$ 0.75

OHIO: PROVIDING PRACTICAL ASSISTANCE IN COMPREHENSIVE ECONOMIC DEVELOPMENT.
PB-170 337 5C U 41 15 HC$ 3.00 MF$ 0.50

ECONOMICS, PENNSYLVANIA
A CONSERVATION EDUCATION AREA, PRINCE GALLITZIN STATE PARK, CAMBRIA COUNTY, PENNSYLVANIA.
PB-170 052 5C U 41 15 HC$ 1.00 MF$ 0.50

TOURIST AND RECREATION POTENTIAL: THE JUNIATA MOUNTAINS AREA SOUTH CENTRAL PENNSYLVANIA (BEDFORD, BLAIR, CENTRE, FULTON, HUNTINGDON, JUNIATA, MIFFLIN AND PERRY COUNTIES),
PB-170 232 5C U 41 15 HC$ 4.00 MF$ 0.75

DEVELOPMENT PLAN FOR MAUCH CHUNK CREEK WATERSHED AREA, CARBON COUNTY, PA.
PB-170 251 5C U 41 15 HC$ 4.00 MF$ 0.75

OUTDOOR RECREATION RESOURCES OF SOUTHERN LAUREL HIGHLANDS, PENNSYLVANIA. VOLUME I. FINDINGS AND RECOMMENDATIONS.

PB-170 280 5C U 41 15 HC$ 3.00 MF$ 0.75

OUTDOOR RECREATION RESOURCES OF SOUTHERN LAUREL HIGHLANDS, PENNSYLVANIA. VOLUME II, SECTION A. ECONOMIC ASPECTS. SECTION B. HISTORIC STUDY. SECTION C. SUPPORTING DATA TO THE FINDINGS AND RECOMMENDATIONS.
PB-170 281 5C U 41 15 HC$ 5.00 MF$ 1.00

FEASIBILITY STUDY OF CHEMICAL INDUSTRY IN SOUTHWESTERN PENNSYLVANIA.
PB-170 298 5C U 41 15 HC$ 5.00 MF$ 1.00

COMMUNITY ASSISTANCE TO EXISTING INDUSTRY, A STRATEGY AND FEASIBILITY STUDY.
PB-170 314 5C U 41 15 HC$ 2.00 MF$ 0.50

ECONOMIC FEASIBILITY OF ESTABLISHING A REGIONAL DISTRIBUTION CENTER IN THE GREATER WILKES-BARRE, PENNSYLVANIA AREA, ITS ECONOMIC IMPACT AND THE PHYSICAL FACILITY.
PB-170 319 5C U 41 15 HC$ 3.00 MF$ 0.75

ECONOMICS, RHODE ISLAND
DETERMINATION OF FEASIBILITY OF PROPOSED RHODE ISLAND OCEANARIUM.
PB-170 261 5C U 41 15 HC$ 2.00 MF$ 0.50

FEASIBILITY STUDY OF AN INDUSTRIAL PARK DEVELOPMENT PROJECT IN WOONSOCKET, RHODE ISLAND.
PB-170 270 5C U 41 15 HC$ 3.00 MF$ 0.75

FEASIBILITY OF INDUSTRIAL SITE RECLAMATION IN THE MOSHASSUCK RIVER VALLEY PAWTUCKET, RHODE ISLAND.
PB-170 284 3C U 41 15 HC$ 4.00 MF$ 1.00

ECONOMICS, SOUTH CAROLINA
TOURIST AND RECREATION POTENTIAL: SOUTHERN AND EASTERN SOUTH CAROLINA (26 COUNTIES),
PB-170 240 5C U 41 15 HC$ 5.00 MF$ 1.00

ECONOMICS, SOUTH DAKOTA
TOURIST AND RECREATION POTENTIAL: PINE RIDGE INDIAN RESERVATION AREA, SOUTH DAKOTA (BENNETT, SHANNON, AND WASHABAUGH COUNTIES, INCLUDING THE NON-MONUMENT SECTION OF THE BADLANDS - AERIAL GUNNERY RANGE),
PB-170 238 5C U 41 15 HC$ 3.00 MF$ 0.75

SHOPPING FACILITY FEASIBILITY STUDY: PINE RIDGE, SOUTH DAKOTA,
PB-170 249 5C U 41 15 HC$ 3.00 MF$ 0.75

ECONOMIC POTENTIAL OF RECREATION AT THE BIG BEND RESERVOIR, SOUTH DAKOTA,
PB-170 293 5C U 41 15 HC$ 4.00 MF$ 1.00

ECONOMICS, TENNESSEE
FEASIBILITY STUDY. NATURAL BRIDGE, TENNESSEE.
PB-170 217 5C U 41 15 HC$ 4.00 MF$ 0.75

ECONOMIC FEASIBILITY OF LAKEWOOD VILLAGE. A PROPOSED RESORT IN HUMPHREYS COUNTY, TENNESSEE.
PB-170 339 5C U 41 15 HC$ 3.00 MF$ 0.75

ECONOMICS, TEXAS
ROCK AND MINERAL RESOURCES OF EAST TEXAS,
PB-170 276 5C U 41 15 HC$ 8.35 MF$ 2.25

PROPOSAL FOR A FEASIBILITY STUDY PILOT PROJECT GRANT TO HARVEST AND PROCESS AQUATIC PLANTS FROM CADDO LAKE,
PB-170 332 5C U 41 15 HC$ 3.00 MF$ 0.75

ECONOMICS, USSR
A MATERIALS-INPUT INDEX OF SOVIET CONSTRUCTION, REVISED AND EXTENDED,
PB-170 537 5C U 41 15 HC$ 9.60

ECONOMICS, UTAH
A TOURIST AND RECREATION FEASIBILITY STUDY OF THE UNITAH-OURAY INDIAN RESERVATION,
PB-170 219 5C U 41 15 HC$ 4.00 MF$ 1.00

ECONOMICS, WEST VIRGINIA
TOURIST AND RECREATION POTENTIAL: EASTERN PANHANDLE AREA, W. VA. (GRANTE, HARDY, HAMSPHIRE, MINERAL AND MORGAN COUNTIES),
PB-170 227 5C U 41 15 HC$ 3.00 MF$ 0.75

MASTER PLAN FOR RECREATIONAL-TOURISM DEVELOPMENT OF MIDDLE ISLAND CREEK TYLER COUNTY, WEST VIRGINIA,
PB-170 258 5C U 41 15 HC$ 5.00 MF$ 1.00

UTILIZING A COLLEGE'S RESOURCES TO PROVIDE TECHNICAL ASSISTANCE TO SMALL BUSINESS IN SOUTHERN WEST VIRGINIA.
PB-170 316 5C U 41 15 HC$ 3.00 MF$ 0.50

ECONOMICS, WISCONSIN
ANNUAL REPORT (1ST), JULY 1, 1964-JUNE 30,1965.
PB-170 320 5C U 41 15 HC$ 3.00 MF$ 0.75

ELASTICITY, BOUNDARY VALUE PROBLEMS
LECTURES ON MEHLER-FOCK TRANSFORMS AND SOME OF THEIR APPLICATIONS,
AD-634 364 12A T 66 15 HC$ 3.00 MF$ 0.75

ELASTICITY, THERMAL PROPERTIES
THREE-DIMENSIONAL THERMOELASTIC PROBLEMS OF PLANES OF DISCONTINUITIES OR CRACKS IN SOLIDS.
AD-634 357 20K T 66 15 HC$ 2.00 MF$ 0.50

ELASTOMERS, RADIATION DAMAGE
MOLECULAR CHANGES IN POLYAMIDE AND ELASTOMERIC POLYMERS DUE TO NUCLEAR, ULTRAVIOLET AND THERMAL RADIATION.
AD-434 216 7E U 41 15 HC$ 3.60

ELASTOMERS, STRESSES
A NEW DEVELOPMENT IN POLYURETHANE ELASTOMER PROCESSING WHICH REDUCES CRACK SUSCEPTIBILITY AND BUBBLE ENTRAPMENT,
BDX-613-70 11I U 41 15 HC$ 1.00 MF$ 0.50

ELECTRIC BRIDGES, ELECTRIC CABLES
DETECTION AND DIAGNOSIS OF MALFUNCTIONS IN STRAIN GAGE SYSTEMS,
UCRL-14602 18D N 20 12 HC$ 1.00 MF$ 0.50

ELECTRIC CABLES, RADIATION DAMAGE
TRANSIENT NUCLEAR RADIATION EFFECTS ON TRANSDUCER DEVICES AND ELECTRICAL CABLES.
IDO-17103 9A U 41 15 HC$ 3.00 MF$ 0.75

ELECTRIC CABLES, SUBMARINE ANTENNAS
COMPOSITE THERMOPLASTIC/GLASS FILAMENT REINFORCEMENT FOR BUOYANT SUBMARINE CABLE.
AD-634 719 11D T 66 15 HC$ 1.00 MF$ 0.50

ELECTRIC CONNECTORS, SUBMARINES
AN/MS ELECTRICAL CONNECTORS MIL-C-5015 FOR USE INBOARD ON SUBMARINES.
AD-634 475 9A T 66 15 HC$ 7.60 MF$ 0.75

ELECTRIC DISCHARGES, INHIBITION
RESEARCH ON MICROWAVE WINDOW MULTIPACTOR AND ITS INHIBITION.
AD-443 377 9E U 41 15 HC$ 5.60

ELECTRIC POWER PRODUCTION, FUEL CELLS
AN EVALUATION OF FUEL CELL SYSTEMS FOR MILITARY VEHICLE PROPULSION AND PORTABLE ELECTRIC POWER GENERATION. PART I.
AD-456 739 10B U 41 15 HC$ 5.00

ELECTRIC WIRE, SUPPORTS
TENSION WIRE SUPPORT STRUCTURES.
UCRL-13160 14B U 41 15 HC$ 3.00

TENSION WIRE SUPPORT STRUCTURES. A PARAMETRIC STUDY OF TENSION WIRE SUPPORT FOR INSTRUMENTATION.
UCRL-13160 14B U 41 15 HC$ 3.00 MF$ 0.75

ELECTRICAL NETWORKS, MATRIX ALGEBRA
ALGEBRAIC GENERATION AND ACTIVE NETWORK REALIZATION OF STATE EQUATIONS,
AD-634 272 12B T 66 15 HC$ 3.00 MF$ 0.75

ELECTRICAL NETWORKS, NONLINEAR PROGRAMMING
NONLINEAR PROGRAMMING AND MULTIPARAMETER SENSITIVITY IN LINEAR TIME-INVARIANT NETWORKS,
AD-634 367 12B T 66 15 HC$ 3.00 MF$ 0.75

ELECTRICAL NETWORKS, SUPERCONDUCTIVITY
CONTROL OF THE CURRENT OF A SHORT-CIRCUITED SUPERCONDUCTIVE NETWORK,
AD-634 516 20C T 66 15 HC$ 1.00 MF$ 0.50

ELECTRICAL NETWORKS, SYNTHESIS
CATEGORIZATIONS AND REALIZATIONS OF POSITIVE REAL AND BIQUADRATIC IMMITTANCE FUNCTIONS.
AD-634 764 9E T 66 15 HC$ 3.00 MF$ 0.75

ELECTRICAL NETWORKS, TOPOLOGY
A TOPOLOGICAL APPROACH TO THE STABILITY OF TIME-VARYING AND NONLINEAR NETWORKS,
AD-634 366 12B T 66 15 HC$ 3.00 MF$ 0.75

ELECTROACOUSTIC TRANSDUCERS, CALIBRATION
GENERAL RECIPROCITY PARAMETER.
AD-634 707 20A T 66 15

ELECTROACOUSTIC TRANSDUCERS, VOICE COMMUNICATION SYSTEMS
TRANSDUCER AND INTERPHONE SYSTEM FOR OPERATION IN HIGH-AMBIENT NOISE.
AD-457 161 17B U 41 15 HC$ 5.60

ELECTROCHEMISTRY, OXYGEN
KINETICS OF THE ELECTROCHEMICAL REDUCTION OF OXYGEN,
AD-634 598 7D T 66 15 HC$ 1.10 MF$ 0.50

ELECTRODEPOSITION, AEROSPACE CRAFT
DEPOSITION FORMING PROCESSES FOR AEROSPACE STRUCTURES.
AD-433 559 13H U 41 15 HC$ 4.00

ELECTRODES, ELECTROCHEMISTRY
ELECTROCHEMISTRY OF FUEL CELL ELECTRODES.
AD-634 241 10B T 66 15 HC$ 2.60 MF$ 0.50

ELECTRODES, FIELD EMISSION
STUDIES OF VACUUM BREAKDOWN BETWEEN MICRON-SIZED AREAS.
AD-634 761 9C T 66 15 HC$ 1.00 MF$ 0.50

ELECTRODES, FUEL CELLS
RESEARCH TO IMPROVE ELECTROCHEMICAL CATALYSTS.
AD-461 088 10B U 41 15 HC$ 3.00

ELECTROLUMINESCENCE, SEMICONDUCTORS
INVESTIGATION OF TWO-CARRIER INJECTION ELECTROLUMINESCENCE.
AD-634 398 20L T 66 15 HC$ 2.00 MF$ 0.50

ELECTROLYSIS, OXYGEN
KINETICS OF IONIZATION OF OXYGEN,
AD-634 298 7D T 66 15 HC$ 1.10 MF$ 0.50

ELECTROLYTES, FUEL CELLS
A HYDROCARBON-AIR FUEL CELL USING AN ACID ELECTROLYTE,
AD-634 677 10B T 66 15 HC$ 1.00 MF$ 0.50

ELECTROLYTES, ORGANIC MATERIALS

HIGH ENERGY SYSTEM (ORGANIC ELECTROLYTE).
AD-634 491 10C T 66 15 HC$ 4.00 MF$ 0.75

ELECTROLYTES, RARE EARTH COMPOUNDS
APPARENT MOLAL VOLUMES AND VISCOSITIES OF SOME AQUEOUS RARE-EARTH CHLORIDE SOLUTIONS AT 25 DEG C.
IS-1344 7D N 20 13 HC$ 5.00 MF$ 1.00

ELECTROLYTES, SOLIDS
A RECHARGEABLE THIN-FILM SOLID-ELECTROLYTE BATTERY.
AD-634 626 10C T 66 15 HC$ 1.00 MF$ 0.50

ELECTROLYTES, ULTRASONIC RADIATION
ULTRASONIC VIBRATION POTENTIALS AND THEIR USE IN THE DETERMINATION OF IONIC PARTIAL MOLAL VOLUMES.
AD-634 576 7D T 66 15 HC$ 3.00 MF$ 0.50

ELECTROLYTIC CELLS, CERAMIC MATERIALS
CERAMIC CELLS AND ACCESSORIES FOR ELECTROWINNING AND ELECTROREFINING OF PLUTONIUM METAL,
RL-SEP-824 18J N 20 12 HC$ 2.00 MF$ 0.50

ELECTROLYTIC POLISHING, CRYSTALS
POLISHES AND ETCHES FOR TIN TELLURIDE, LEAD SULFIDE, LEAD SELENIDE, AND LEAD TELLURIDE: SUPPLEMENT.
AD-634 392 13H T 66 15 HC$ 1.00 MF$ 0.50

ELECTROMAGNETIC FIELDS, CRYSTALS
INFLUENCE OF ELECTROMAGNETIC FIELDS ON LIQUID CRYSTALS,
AD-634 627 20B T 66 15 HC$ 1.00 MF$ 0.50

ELECTROMAGNETIC FIELDS, SYNTHESIS
MODEL ANALYSIS AND SYNTHESIS OF ELECTROMAGNETIC FIELDS.
AD-634 185 20C T 66 15 HC$ 3.00 MF$ 0.75

ELECTROMAGNETIC WAVES, DIFFRACTION
DIFFRACTION OF A PLANE WAVE BY A PARABOLOID OF REVOLUTION.
AD-634 758 20C T 66 15 HC$ 4.00 MF$ 0.75

ELECTROMAGNETIC WAVES, IONOSPHERIC PROPAGATION
NEGATIVE ION DETECTION IN THE IONOSPHERE FROM EFFECTS ON ELF WAVES.
AD-634 358 4A T 66 15 HC$ 3.00 MF$ 0.50

ELECTROMAGNETIC WAVES, PROPAGATION
SEMIANNUAL PROGRESS REPORT NO. 71.
AD-634 148 5A T 66 15 HC$ 3.00 MF$ 0.75

SCATTERING OF A SURFACE WAVE FROM AN ABRUPT CHANGE IN THICKNESS ON A DIELECTRIC SLAB.
AD-634 150 20N T 66 15 HC$ 3.00 MF$ 0.75

ELECTROMAGNETIC WAVES, SCATTERING
THE USE OF TRANSIENT AND IMPULSE RESPONSE APPROXIMATIONS IN ELECTROMAGNETIC SCATTERING PROBLEMS.
AD-634 297 20N T 66 15 HC$ 3.00 MF$ 0.75

ELECTROMAGNETISM, TRANSMISSION LINES
CURRENTS INDUCED IN CABLES IN THE EARTH BY A CONTINUOUS-WAVE ELECTROMAGNETIC FIELD.
AD-634 740 20C T 66 15 HC$ 4.00 MF$ 0.75

ELECTROMAGNETS, MODEL TESTS
2-METER SPARK CHAMBER MAGNET MODEL FOR THE DETERMINATION OF FIELD DISTRIBUTION IN SPACE,
SLAC-57 20G U 41 15 HC$ 3.00 MF$ 0.75

ELECTRON BEAM WELDING, ZIRCONIUM ALLOYS
ATTACHING RIBS TO ZIRCALOY FUEL ASSEMBLIES BY ELECTRON BEAM WELDING,
DP-996 11F N 20 13 HC$ 2.00 MF$ 0.50

ELECTRON BEAMS, ELECTRON DENSITY
MEASUREMENTS OF THE PROFILE OF THE ELECTRON BEAM FROM THE ASTRON ACCELERATOR,
UCRL-14697 20G N 20 12 HC$ 1.00 MF$ 0.50

ELECTRON BEAMS, ELECTRONIC SWITCHES
NANOSECOND SWITCHING OF AN ELECTRON BEAM.
AD-634 505 9A T 66 15 HC$ 3.00 MF$ 0.75

ELECTRON BEAMS, ENERGY
LIMITATIONS IN THE ENERGY RESOLUTION OF SLOW ELECTRONS,
AD-634 517 20H T 66 15 HC$ 2.00 MF$ 0.50

ELECTRON BEAMS, FOCUSING
THE SELF-FOCUSING OF INTENSE BEAMS OF RELATIVISTIC-ELECTRONS,
AD-634 634 20H T 66 15 HC$ 1.00 MF$ 0.50

ELECTRON BEAMS, GAS IONIZATION
PRODUCTION OF METASTABLE ATOMS BY ELECTRON IMPACT.
UCRL-14450 20H U 41 15 HC$ 2.00 MF$ 0.50

ELECTRON BEAMS, MICROWAVE OSCILLATORS
INVESTIGATIONS OF LINEAR BEAM AND NEW CONCEPTS OF MICROWAVE POWER GENERATION.
AD-634 129 9A T 66 15 HC$ 5.00 MF$ 1.00

AD-634 130 9A T 66 15 HC$ 6.00 MF$ 1.50

ELECTRON BEAMS, SCATTERING
A TEST OF THE ELECTRON PROPAGATOR BY MODIFICATION OF THE PRINCETON-STANFORD STORAGE RINGS,
AD-634 717 20G T 66 15 HC$ 2.00 MF$ 0.50

ELECTRON BOMBARDMENT, ELECTRON ACCELERATORS
MEASUREMENTS OF THE PROFILE OF THE ELECTRON BEAM FROM THE ASTRON ACCELERATOR,
UCRL-14697 20G N 20 12 HC$ 1.00 MF$ 0.50

ELECTRON BOMBARDMENT, PLATINUM
RADIATION DAMAGE IN PT PRODUCED BY 1.8-3.0-MEV ELECTRONS.
AD-634 268 20H T 66 15

ELECTRON CAPTURE, THEORY
PHONON CASCADE THEORY.
AD-634 445 20J T 66 15 HC$ 3.00 MF$ 0.50

ELECTRON DENSITY, VAN ALLEN RADIATION BELT
THE TEMPORAL VARIATIONS OF ELECTRON INTENSITIES AT LOW ALTITUDES IN THE OUTER RADIATION ZONE AS OBSERVED WITH SATELLITE INJUN 3.
AD-634 359 4A T 66 15 HC$ 3.00 MF$ 0.75

ELECTRON DIFFRACTION ANALYSIS, CRYSTAL STRUCTURE
A GENERAL METHOD FOR CALCULATING ELECTRON DIFFRACTION PATTERNS CONTAINING TWIN REFLECTIONS,
AD-441 383 20B U 41 15 HC$ 1.00

ELECTRON DIFFRACTION ANALYSIS, FOILS
INTERPRETATION OF ELECTRON DIFFRACTION PATTERNS FROM THIN PLATELETS.
AD-634 238 11F T 66 15 HC$ 2.00 MF$ 0.50

ELECTRON DIFFRACTION ANALYSIS, SINGLE CRYSTALS
LOW-ENERGY ELECTRON DIFFRACTION STUDY OF THE (100) PLANE OF A TUNGSTEN SINGLE CRYSTAL,
RFP-643 20B N 20 13 HC$ 3.00 MF$ 0.50

ELECTRON GUNS, MASS SPECTROSCOPY
ELECTRON GUN PERFORMANCE USING A MODIFIED APPEARANCE POTENTIAL TECHNIQUE.
AD-634 430 14B T 66 15 HC$ 1.00 MF$ 0.50

ELECTRON OPTICS, RESOLUTION
LIMITATIONS IN THE ENERGY RESOLUTION OF SLOW ELECTRONS,
AD-634 517 20H T 66 15 HC$ 2.00 MF$ 0.50

ELECTRON TRANSITION, PROBABILITY
ATOMIC TRANSITION PROBABILITIES. VOLUME I. HYDROGEN THROUGH NEON,
AD-634 145 7D T 66 15 MF$ 1.00

ELECTRON TUBES, SYMPOSIA
PROCEEDINGS OF THE HIGH-POWER MICROWAVE TUBES SYMPOSIUM HELD AT THE HEXAGON, FORT MONMOUTH, NEW JERSEY 19 AND 20 MAY 1965, VOLUME I.
AD-478 107 9A U 41 15 HC$ 6.00 MF$ 1.50

ELECTRONIC EQUIPMENT, CERAMIC MATERIALS
PRODUCTION ENGINEERING MEASURE FOR BERYLLIUM OXIDE AND PARTS PRODUCED FROM IMPORTED ORES.
AD-634 354 13H T 66 15 HC$ 4.00 MF$ 0.75

ELECTRONIC EQUIPMENT, CLEANING
EVALUATION OF ULTRASONIC CLEANER.
AD-470 066 13H U 41 15 HC$ 1.10 MF$ 0.50

ELECTRONIC EQUIPMENT, FAILURE(ELECTRONICS)
PREINDICATIONS OF FAILURE IN ELECTRONIC COMPONENTS,
AD-472 738 9A U 41 15 HC$ 1.00 MF$ 0.75

ELECTRONIC EQUIPMENT, RADIATION DAMAGE
LABORATORY TESTING AND THEORETICAL STUDIES IN TRANSIENT RADIATION EFFECTS ON MICROELECTRONICS.
AD-634 493 18H T 66 15 HC$ 4.00 MF$ 1.00

ELECTRONIC SWITCHES, ELECTRON BEAMS
NANOSECOND SWITCHING OF AN ELECTRON BEAM.
AD-634 505 9A T 66 15 HC$ 3.00 MF$ 0.75

ELECTRONIC SWITCHES, TRANSISTOR
THE DEVELOPMENT AND EVALUATION OF A BILATERAL TRIODE SWITCH.
AD-456 845 9E U 41 15 HC$ 3.60

ELECTRONS, INELASTIC SCATTERING
NEUTRON FORM FACTORS FROM INELASTIC ELECTRON SCATTERING IN TRITIUM AND HELIUM - 3,
AD-634 756 20H T 66 15 HC$ 1.00 MF$ 0.50

ELECTRONS, NUCLEAR SCATTERING
DISPERSION CORRECTIONS TO ELECTRON SCATTERING IN C12 AND O16,
PB-169 607 20H U 41 15 HC$ 3.60 MF$ 0.50

ELECTRONS, RADIATION CHEMISTRY
OBSERVATION OF SHORT-LIVED SPECIES PRODUCED BY X-RAY PULSES,
AD-634 693 7E T 66 15 HC$ 1.00 MF$ 0.50

ELEMENTARY PARTICLES, ACCELERATORS
PHYSICS DIVISION SEMIANNUAL REPORT, MAY-OCTOBER 1965.
UCRL-16511 18D U 41 15 HC$ 3.00 MF$ 0.75

ELEMENTARY PARTICLES, ALGEBRAS
INFINITE LADDERS AND THE ALGEBRA OF INTEGRATED CURRENT COMPONENTS,
SLAC-58 12A U 41 15 HC$ 1.00 MF$ 0.50

ELEMENTARY PARTICLES, NUCLEAR CROSS SECTIONS
THE USE OF UNITARITY IN PROVING POMERANCHUK'S THEOREM ON CROSS SECTIONS AT HIGH ENERGIES.
AD-634 705 20J T 66 15 HC$ 1.00 MF$ 0.50

ELEMENTARY PARTICLES, NUCLEAR SPINS
THE REACTION K MINUS + P TO K + PI + N AT 1.34 BEV/C,
TID-20444 20H U 41 15 HC$ 1.00 MF$ 0.50

ELEMENTARY PARTICLES, SYMPOSIA
PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON WEAK INTERACTIONS, OCTOBER 25-27, 1965.
ANL-7130 20H U 41 15 HC$ 4.75 MF$ 2.00

EMISSIVITY, SPECTROSCOPY
EVALUATION OF DIRECT READING ATTACHMENT FOR EMISSION SPECTROGRAPH.
RFP-644 18D N 20 13 HC$ 2.00 MF$ 0.50

EMPLOYMENT, CONNECTICUT
FOUR-TOWN REDEVELOPMENT AREA IN SOUTHWESTERN CONNECTICUT COMPOSED OF THE TOWNS OF ANSONIA, DERBY, OXFORD, AND SEYMOUR,
PB-170 221 5C U 41 15 HC$ 3.00 MF$ 0.75

EMPLOYMENT, PERSONNEL MANAGEMENT
SMALL COMPANY STRATEGY IN MINORITY GROUP EMPLOYMENT,
AD-634 258 5I T 66 15 HC$ 1.00 MF$ 0.50

ENDOCRINE GLANDS, PERIODICALS
SERIALS RELATING TO BIOCHEMISTRY AND ENDOCRINOLOGY: THEIR IDENTIFICATION AND AN ANALYSIS OF THEIR CHARACTERISTICS,
PB-169 208 6A U 41 15 HC$ 3.00 MF$ 0.75

ENERGY MANAGEMENT, LUNAR TRAJECTORIES
MINIMUM FUEL TRAJECTORIES WITH SOFT LANDINGS,
AD-447 904 22C U 41 15 HC$ 5.60

ENGINE AIR SYSTEMS COMPONENTS, WATER IMPINGEMENT
FOREIGN OBJECT INGESTION PREDICTION FOR ENGINE INLETS BY TRAJECTORY ANALYSIS IN A POTENTIAL FLOW FIELD.
AD-634 387 20D T 66 15 HC$ 2.00 MF$ 0.50

WATER DROPLET IMPINGEMENT PREDICTION FOR ENGINE INLETS BY TRAJECTORY ANALYSIS IN A POTENTIAL FLOW FIELD, SAMPLE PROBLEM.
AD-634 396 20D T 66 15 HC$ 6.00 MF$ 1.50

WATER DROPLET IMPINGEMENT PREDICTION FOR ENGINE INLETS BY TRAJECTORY ANALYSIS IN A POTENTIAL FLOW FIELD.
AD-634 404 20D T 66 15 HC$ 6.00 MF$ 1.25

ENGINEERING(GEN)
A STUDY OF THE UNIVERSITY ROLE IN ENGINEERING RESEARCH FOR NASA PARTICULARIZED TO THE STANFORD UNIVERSITY CASE.
N66-14419 5I U 41 15 HC$ 4.00 MF$ 1.00

ENTEROVIRUSES, IMMUNE SERUMS
WORLD HEALTH ORGANIZATION INTERNATIONAL REFERENCE CENTRE FOR ENTEROVIRUSES.
PB-170 678 6M U 41 15 HC$ 2.00 MF$ 0.50

PREPARATION OF IMMUNE SERUM SERUM TO ENTEROVIRUSES.
PB-170 682 6M U 41 15 HC$ 2.00 MF$ 0.50

ENVIRONMENTAL CHAMBER
A LARGE ULTRA HIGH VACUUM ENVIRONMENTAL CHAMBER WITH LIQUID HELIUM COOLED WALLS,
N66-14578 14B U 41 15 HC$ 1.00 MF$ 0.50

ENVIRONMENTAL TESTS, RADIOACTIVE FALLOUT
CONTROLLED ENVIRONMENTAL RADIOIODINE TESTS AT THE NATIONAL REACTOR TESTING STATION, 1965 PROGRESS REPORT,
IDO-12047 18H U 41 15 HC$ 2.00 MF$ 0.50

ENZYMES, BLOOD
THE ENZYMIC TRANSFORMATION OF SECONDARY NITROGEN MUSTARDS: IMPLICATIONS IN RESPIRATION,
AD-634 653 6A T 66 15 HC$ 1.00 MF$ 0.50

ENZYMES, VIRUSES
ISOLATION OF A LOW MOLECULAR WEIGHT SIALIDASE (NEURAMINIDASE) FROM INFLUENZA VIRUS,
AD-634 549 6A T 66 15

EPINEPHRINE, EXCRETION
CATECHOL AMINE MEASUREMENTS ASSOCIATED WITH AUTONOMIC-LABYRINTHINE RESPONSES IN MAN EXPOSED TO POSITIVE (+GZ) ACCELERATION.
AD-634 519 6S T 66 15 HC$ 1.00 MF$ 0.50

EQUATIONS OF MOTION, GUIDED MISSILE TRAJECTORIES
TRAJECTORY EQUATIONS FOR A SIX-DEGREE-OF-FREEDOM MISSILE USING A FIXED-PLANE COORDINATE SYSTEM.
AD-634 267 16B T 66 15 HC$ 3.00 MF$ 0.75

EROSION, ROCKET MOTOR NOZZLES
MECHANISMS OF EROSION OF TITANIUM BORONITRIDE ROCKET NOZZLES.
AD-634 136 21H T 66 15 HC$ 2.00 MF$ 0.50

EROSIVE BURNING, SOLID ROCKET PROPELLANTS
RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSIVE TRANSIENTS.
AD-634 296 21I T 66 15 HC$ 1.00 MF$ 0.50

ERROR
PROGRAMMERS MANUAL FOR INTERPLANETARY ERROR PROPAGATION PROGRAM,
N66-15732 22C U 41 15 HC$ 7.21 MF$ 2.25

ERRORS, CORRECTIONS
AUTOMATIC CORRECTION OF ERRORS IN TEXT,
PB-170 419 5B U 41 15 HC$ 1.10 MF$ 0.50

ERYTHROCYTES, PRESERVATION
RED CELL FRAGILITY AND BLOOD PRESERVATION - THE OSMOGRAM,
AD-634 639 6E T 66 15 HC$ 1.00 MF$ 0.50

ETCHING, CRYSTALS
POLISHES AND ETCHES FOR TIN TELLURIDE, LEAD SULFIDE, LEAD SELENIDE, AND LEAD TELLURIDE: SUPPLEMENT.
AD-634 392 13H T 66 15 HC$ 1.00 MF$ 0.50

EVAPORATION, TWO-PHASE FLOW
MASS TRANSFER IN ANNULAR, TWO-PHASE FLOW.
PB-170 406 20D U 41 15 HC$17.80 MF$ 1.00

EVAPORATORS, CONSTRUCTION
1,000,000 GALLON PER DAY MULTISTAGE-MULTIEFFECT IMPROVED DISTILLATION SEA WATER CONVERSION PLANT AT SAN DIEGO, CALIFORNIA.
PB-170 735 13B U 41 15 HC$ 8.10 MF$ 2.25

EXCITED STATE
EXPERIMENTAL STUDIES IN ULTRAVIOLET SOLID STATE SPECTROSCOPY.
N66-16078 20F U 41 15 HC$ 1.00 MF$ 0.50

EXHAUST GASES, BASE FLOW
A CORRELATION OF THE BASE DRAG OF BODIES-OF-REVOLUTION WITH A JET EXHAUSTING THROUGH THE BASE,
AD-634 662 16D T 66 15 HC$ 1.00 MF$ 0.50

EXHAUST GASES, HAZARDS
DEVELOPMENT OF A ROCKET-BLAST SIMULATOR: DESIGN AND TEST,
AD-449 417 19B U 41 15 HC$ 6.60

EXHAUST GASES, ROCKET MOTORS
KINETIC STUDY OF ROCKET EXHAUST GASES.
AD-462 586 21I U 41 15 HC$ 2.60

EXPERIMENTAL DESIGN, BIOMETRY
REPEATED MEASUREMENT DESIGNS, ASSUMING EQUAL VARIANCES AND COVARIANCES,
AD-634 716 6C T 66 15 HC$ 1.60 MF$ 0.50

EXPERIMENTAL DESIGN, FACTOR ANALYSIS
RESPONSE SURFACE DESIGNS FOR FACTORS AT TWO AND THREE LEVELS.
AD-634 771 12A T 66 15 HC$ 2.00 MF$ 0.50

RESPONSE SURFACE DESIGNS FOR FACTORS AT TWO AND FOUR LEVELS.
AD-634 773 12A T 66 15 HC$ 1.00 MF$ 0.50

EXPERIMENTAL DESIGN, GROUPS(MATHEMATICS)
ON STATISTICALLY INSPIRED CONDITIONS FOR THE GROUP STRUCTURE OF INVARIANT EXPERIMENTS.
AD-634 769 12A T 66 15 HC$ 1.00 MF$ 0.50

EXPERIMENTAL DESIGN, STATISTICAL DISTRIBUTIONS
THE USE OF PRIOR DISTRIBUTIONS IN THE DESIGN OF EXPERIMENTS FOR PARAMETER ESTIMATION IN NONLINEAR SITUATIONS.
AD-634 770 12A T 66 15 HC$ 1.00 MF$ 0.50

EXPLOSIVE MATERIALS, CRYSTAL SUBSTRUCTURE
A MOSSBAUER SPECTROMETER,
AD-634 658 20F T 66 15 HC$ 1.00 MF$ 0.50

EXPLOSIVE MATERIALS, DETONATIONS
ON THE TRANSITION OF BURNING OF EXPLOSIVES TO DETONATION,
AD-634 307 19D T 66 15 HC$ 1.00 MF$ 0.50

PRIMERS AND EXPLOSIVES.
AD-634 414 19A T 66 15 HC$ 1.00 MF$ 0.50

THE USE OF ONE-AND TWO-DIMENSIONAL HYDRODYNAMIC MACHINE CALCULATIONS IN HIGH EXPLOSIVE RESEARCH,
UCRL-14431 18C U 41 15 HC$ 1.00 MF$ 0.50

EXPLOSIVE MATERIALS, NEUTRON SPECTRUM
STUDY OF LOW FREQUENCY MOLECULAR MOTIONS IN EXPLOSIVES BY SLOW NEUTRON INELASTIC SCATTERING,
AD-634 661 19A T 66 15 HC$ 1.00 MF$ 0.50

EXPLOSIVE MATERIALS, THRUST
AN OPTIMIZATION STUDY OF AN EXPLOSIVE-DRIVEN PILE.
AD-634 738 13H T 66 15 HC$ 2.00 MF$ 0.50

EXPLOSIVE TRAINS, GUIDED MISSILE FUZES
SMALL EXPLOSIVE TRAIN FOR MISSILE SAFETY AND ARMING DEVICE,
AD-634 446 19A T 66 15 HC$ 2.00 MF$ 0.50

EXTERIOR BALLISTICS, SOUNDING ROCKETS
REAL-TIME METEOROLOGICAL SYSTEM FOR SUPPORT OF UNGUIDED-ROCKET FIRINGS,
AD-634 672 4B T 66 15 HC$ 1.00 MF$ 0.50

EXTERIOR BALLISTICS, WIND
BALLISTIC WINDS STUDY.
AD-634 237 19D T 66 15 HC$ 3.00 MF$ 0.50

EXTERNAL STORES, AERODYNAMICS
EFFECT OF FOREBODY MODIFICATIONS ON THE AERODYNAMIC CHARACTERISTICS OF A SIMULATED AIRCRAFT STORE AT MACH NUMBERS FROM 0.50 TO 1.17.
AD-634 736 20D T 66 15 HC$ 3.00 MF$ 0.50

EXTRATERRESTRIAL TOPOGRAPHY, MOON
RELATIVE DEPTHS OF LUNAR RING MOUNTAINS AND CRATERS IN THE MARE NUBIUM,
AD-634 379 3A T 66 15 HC$ 1.00 MF$ 0.50

EYEGLASSES, FLASHBLINDNESS
DEVELOPMENT OF FLASHBLINDNESS PROTECTIVE GOGGLES.
AD-447 126 6Q U 41 15 HC$ 7.60

EYE, PHARMACOLOGY
SOME PHARMACODYNAMIC PROPERTIES OF IRIS MUSCLE,
AD-634 654 6O T 66 15 HC$ 1.00 MF$ 0.50

EYE, PROTECTIVE COVERINGS
DEVELOPMENT OF FLASHBLINDNESS PROTECTIVE GOGGLES.
AD-447 126 6Q U 41 15 HC$ 7.60

FACSIMILE TRANSMISSION, OPTICAL IMAGES

RESEARCH INVESTIGATIONS ON PHOTO FACSIMILE TRANSMISSION TECHNIQUES.
AD-401 457 17B U 41 15 HC$15.60

FACTOR ANALYSIS, EXPERIMENTAL DESIGN
RESPONSE SURFACE DESIGNS FOR FACTORS AT TWO AND THREE LEVELS.
AD-634 771 12A T 66 15 HC$ 2.00 MF$ 0.50

RESPONSE SURFACE DESIGNS FOR FACTORS AT TWO AND FOUR LEVELS.
AD-634 773 12A T 66 15 HC$ 1.00 MF$ 0.50

FAILURE(ELECTRONICS), CHECKOUT EQUIPMENT
PREINDICATIONS OF FAILURE IN ELECTRONIC COMPONENTS,
AD-472 738 9A U 41 15 HC$ 1.00 MF$ 0.75

FAST NEUTRONS, PLUTONIUM
FISSION PRODUCT YIELDS FROM FAST (APPROXIMATELY EQUAL TO 1 MEV) NEUTRON FISSION OF 239 PU.
LA-3383 18F U 41 15 HC$ 2.00 MF$ 0.50

FAST REACTORS, NUCLEAR ENGINEERING
THE RANDOMLY PACKED SETTLED-BED FAST REACTOR CONCEPT (1000-MW(E) REACTOR DESIGN),
BNL-887 18I U 41 15 HC$ 3.00 MF$ 0.50

FAST REACTORS, POWER REACTORS
A CRITICALITY ANALYSIS OF THE ROMASHKA REACTOR.
AD-634 506 18L T 66 15 HC$ 3.00 MF$ 0.75

FAST REACTORS, REACTOR MATERIALS
REACTOR DEVELOPMENT PROGRAM REPORT, JANUARY 1966.
ANL-7152 18D U 41 15 HC$ 4.00 MF$ 0.75

FATIGUE(MECHANICS), RIVETED JOINTS
RESEARCH ON CUMULATIVE DAMAGE IN FATIGUE OF RIVETED ALUMINUM ALLOY JOINTS,
AD-634 585 13H T 66 15 HC$ 8.60 MF$ 0.75

FATIGUE(MECHANICS, TITANIUM
THE EFFECTS OF INTERSTITIAL SOLUTE ELEMENTS ON THE FATIGUE LIMIT BEHAVIOR OF TITANIUM.
AD-634 518 11F T 66 15 HC$ 2.00 MF$ 0.50

FATS, RADIATION DAMAGE
STUDY OF FACTORS INFLUENCING OXIDATION WHICH OCCUR IN IRRADIATED FATS. EFFECT OF HIGH ENERGY IRRADIATION ON THE STABILITY OF FATS.
PB-169 982 6H U 41 15 HC$ 1.10

FEEDBACK AMPLIFIERS, NEGATIVE RESISTANCE CIRCUITS
SOME APPLICATIONS OF SYNTHESISED NEGATIVE RESISTANCE CHARACTERISTICS TO RING COUNTER DESIGN,
PB-169 451 9B U 41 15 HC$ 2.00 MF$ 0.50

FERROCENES, CHEMICAL REACTIONS
FERROCENE CHEMISTRY OF PHOSPHORUS AND BORON,
AD-634 641 7B T 66 15 HC$ 1.00 MF$ 0.50

FERROELECTRIC MATERIALS, TITANATES
INVESTIGATION OF LARGE SIGNAL MICROWAVE EFFECTS IN FERROELECTRIC MATERIALS.
AD-634 524 11B T 66 15 HC$ 4.00 MF$ 1.00

FERROMAGNETIC MATERIALS, FILMS
RESEARCH IN FERROMAGNETICS WITH APPLICATIONS TO NEW STORAGE DEVICES.
AD-634 539 9A T 66 15 HC$ 3.00 MF$ 0.75

FERROMAGNETIM, FIELD THEORY
SIGNIFICANCE OF DIMENSIONALITY IN THE SPIN WAVE THEORY OF FERROMAGNETISM,
NBS-TN-327 20J U 41 15 HC$ 0.25 MF$ 0.50

FERROMAGNETISM, FIELD THEORY
SOME PROPERTIES OF THE EIGENFUNCTIONS AND EIGENVALUES INTRODUCED BY BETHE FOR THE LINEAR CHAIN OF ATOMS,
NBS-TN-328 20J U 41 15 HC$ 0.25 MF$ 0.50

FIBERS(SYNTHETIC), DEGRADATION
DETERIORATION OF FIBROUS MATERIALS BY ULTRAVIOLET LIGHT.
AD-405 433 11E U 41 15 HC$ 2.60

FIELD EMISSION, ELECTRODES
STUDIES OF VACUUM BREAKDOWN BETWEEN MICRON-SIZED AREAS.
AD-634 761 9C T 66 15 HC$ 1.00 MF$ 0.50

FIELD EMISSION, MICROSCOPY
THE DESORPTION AND MIGRATION OF STRONTIUM ON TUNGSTEN USING PULSED FIELD EMISSION MICROSCOPY.
AD-419 846 20C U 41 15 HC$ 5.60

FIGHTERS, AIRCRAFT EQUIPMENT
A STANDARD AIRCRAFT WEAPONS MANAGEMENT AND RELEASE CONTROL SYSTEM (SAWMARCS) DESIGN PROPOSAL FOR THE F-111B AIRCRAFT.
AD-634 250 1C T 66 15 HC$ 1.00 MF$ 0.50

FILAMENTS, BORON
RESEARCH ON RESIN-IMPREGNATED, COLLIMATED BORON FILAMENTS AND IMPROVED HIGH-MODULUS, HIGH-STRENGTH FILAMENTS AND COMPOSITES,
AD-477 816 11D U 41 15 HC$28.80 MF$ 1.50

FILM COOLING, CONVERGENT DIVERGENT NOZZLES
A FILM COOLING EXPERIMENT ON A CONVERGENT-DIVERGENT NOZZLE,
AD-634 587 13A T 66 15 HC$ 2.00 MF$ 0.50

FILMS, CHROMIUM
CHROMIUM MASKS FOR MICROCIRCUITRY.
AD-634 762 9A T 66 15 HC$ 1.00 MF$ 0.50

FILMS, OXIDES
THE BEHAVIOR OF SUPERALLOY OXIDE FILMS IN MOLTEN SALTS.
AD-634 183 11F T 66 15 HC$ 2.00 MF$ 0.50

FILTERS(FLUID), UPPER ATMOSPHERE
PROJECT SAND FINAL PROGRAM REPORT. VOLUME II. SAND FILTER-SAMPLER ANALYSIS, DEVELOPMENT, AND TESTING,
SC-RR-65-491 6R N 20 13 HC$ 2.00 MF$ 0.50

FIRE CONTROL SYSTEMS, OPERATORS(PERSONNEL)
MANNING REQUIREMENTS FOR FIRE CONTROL SYSTEMS ASSOCIATED WITH TORPEDO MK 48,
AD-634 350 5I T 66 15 HC$ 1.00 MF$ 0.50

FIRE SAFETY, FOREST FIRES
CRITICAL FIRE WEATHER PATTERNS, THEIR FREQUENCY AND LEVELS OF FIRE DANGER,
AD-634 565 2F T 66 15 HC$ 3.00 MF$ 0.75

FIRES, NUCLEAR EXPLOSION DAMAGE
THERMAL EFFECTS OF NUCLEAR WEAPONS. LITERATURE SUMMARIES.
AD-634 204 15F T 66 15 HC$ 7.00 MF$ 1.50

FISHES, CALIFORNIA
POTENTIAL CONTRIBUTION OF THE MARINE ENVIRONMENT TO ECONOMIC REDEVELOPMENT OF THE NORTH COAST COUNTIES OF CALIFORNIA,
PB-170 268 5C U 41 15 HC$ 2.00 MF$ 0.50

FISHES, TOXIC TOLERANCES
ESSAIS TOXICOLOGIQUES DE PRODUITS CHIMIQUES SUR DES POISSONS D'EAU DOUCE (CHEMICAL PRODUCTS TOXICOLOGICAL TESTS PERFORMED ON LAKE AND RIVER FISH),
PB-169 893 6F U 41 15 HC$ 4.60 MF$ 0.50

FISSION NEUTRONS, NEUTRON FLUX
PULSED HIGH INTENSITY FISSION NEUTRON SOURCES,
CONF-650217 18I U 41 15 HC$ 1.75 MF$ 1.00

FISSION PRODUCT ACTIVITY, GAMMA EMISSION
GAMMA ENERGY RELEASE FROM FISSION PRODUCT DECAY FOLLOWING A SHORT REACTOR TRANSIENT,
IDO-17161 18I N 20 13 HC$ 2.00 MF$ 0.50

FISSION PRODUCTS, FAST NEUTRONS
FISSION PRODUCT YIELDS FROM FAST (APPROXIMATELY EQUAL TO 1 MEV) NEUTRON FISSION OF 239 PU.
LA-3383 18F U 41 15 HC$ 2.00 MF$ 0.50

FISSION PRODUCTS, SEPARATION
A RAPID METHOD FOR THE CARRIER-FRE DETERMINATION OF INDIVIDUAL RARE EARTHS BY ION EXCHANGE AT ROOM TEMPERATURE,
AD-463 222 7E U 41 15 HC$ 1.60

FISSION PRODUCTS, TRANSPORTATION
LIST OF AEC RADIOISOTOPE CUSTOMERS WITH SUMMARY OF RADIOISOTOPE SHIPMENTS, FY 1965,
ORNL-IIC-6 18B U 41 15 HC$ 3.00 MF$ 0.75

FLASH LAMPS, ENERGY
AN INVESTIGATION INTO THE RELATIVE SPECTRAL ENERGY DISTRIBUTION OF A XENON FLASH TUBE AS A FUNCTION OF ENERGY INPUT,
PB-169 447 13A U 41 15 HC$ 1.00 MF$ 0.50

FLASHBLINDNESS, EYEGLASSES
DEVELOPMENT OF FLASHBLINDNESS PROTECTIVE GOGGLES.
AD-447 126 6Q U 41 15 HC$ 7.60

FLEXURAL STRENGTH, SHEETS
THE REFINEMENT OF THE CLASSICAL FLEXURE THEORY OF ANISOTROPIC PLATES,
AD-634 416 20K T 66 15 HC$ 1.00 MF$ 0.50

FLIGHT INSTRUMENTS, BIBLIOGRAPHIES
AN ANNOTATED BIBLIOGRAPHY OF PRESENTATION OF INFORMATION IN AIRCRAFT COCKPITS,
AD-634 575 1D T 66 15 HC$ 3.00 MF$ 0.75

FLIGHT SIMULATORS, ORBITAL TRAJECTORIES
A COMPARISON OF THE RESULTS OF THE SANDIA CORPORATION TTA TRAJECTORY PROGRAM AND THE ATOMICS INTERNATIONAL RESTORE TRAJECTORY PROGRAM,
SC-RR-66-22 22C U 41 15 HC$ 3.00 MF$ 0.75

FLIGHT TEST
ROCKET MOTOR SPIN DATA,
N66-15295 21H U 41 15 HC$ 3.00 MF$ 0.75

THEORETICAL STUDY AND ENGINEERING DEVELOPMENT OF JIMSPHERE WIND SENSOR.
N66-16084 4A U 41 15 HC$ 3.00 MF$ 0.75

FLORIDA, ECONOMICS
TOURIST AND RECREATION POTENTIAL: LAFAYETTE AND SUWANNE COUNTIES, SUWANNE RIVER AREA, FLORIDA,
PB-170 233 5C U 41 15 HC$ 4.00 MF$ 0.75

FLOW VISUALIZATION, JETS
FURTHER EXPERIMETAL AND THEORETICAL STUDIES OF UNDEREXPANDED JETS NEAR THE MACH DISC,
AD-444 088 1A U 41 15 HC$ 4.60

FLUID AMPLIFIERS, FLUID MECHANICS
DYNAMIC PERFORMANCE ANALYSIS OF PURE FLUID AMPLIFIERS AND PURE FLUID COMPUTATIONAL CIRCUIT STUDIES.
AD-634 527 13G T 66 15 HC$ 4.00 MF$ 0.75

FLUID FLOW, DIGITAL COMPUTERS
THE MAC METHOD - A COMPUTING TECHNIQUE FOR SOLVING VISCOUS, INCOMPRESSIBLE, TRANSIENT FLUID-FLOW PROBLEMS INVOLVING FREE SURFACES,

LA-3425 20D U 41 15 HC$ 4.00 MF$ 1.00

FLUID FLOW, DUCTS
HEAT TRANSFER IN THE CASE OF TURBULENT MOTION OF A FLUID IN AN ANNULAR DUCT,
AD-634 232 20M T 66 15 HC$ 1.00 MF$ 0.50

FLUID FLOW, PLASMA MEDIUM
NONEQUILIBRIUM EFFECTS ON ENERGY TRANSFER IN AN IONIZED FLUID FLOW.
AD-634 767 20I T 66 15 HC$ 4.00 MF$ 1.00

FLUIDIZED BED PROCESSES, ENVIRONMENTAL TESTING
PROCESS HEAT REACTOR PROGRAM.
TID-21286 18E U 41 15 HC$ 2.00 MF$ 0.50

FLUIDIZED BED PROCESSES, MATHEMATICAL MODELS
PARTICLE GROWTH AND SIZE DISTRIBUTION IN FLUIDIZED BED PROCESSES A MATHEMATICAL MODEL WITH COMPUTER SOLUTIONS,
IDO-14650 7A N 20 13 HC$ 3.00 MF$ 0.50

FLUIDIZED BED PROCESSES, REACTOR FUELS
ENGINEERING DEVELOPMENT OF FLUID-BED FLUORIDE VOLATILITY PROCESSES. PART 9. COMPUTER PROGRAMS FOR ALLOY-FUEL PROCESS CALCULATIONS,
ANL-6992 7A U 41 15 HC$ 3.00 MF$ 0.75

LABORATORY INVESTIGATIONS IN SUPPORT OF FLUID-BED FLUORIDE VOLATILITY PROCESSES. PART IX. THE FLUID-BED FLUORINATION OF PLUTONIUM-CONTAINING SIMULATED OXIDIC NUCLEAR FUEL IN A 1 1/2-INCH-DIAMETER REACTOR,
ANL-7077 18J U 41 15 HC$ 2.00 MF$ 0.50

FLUIDS, MIXTURES
MIXING OF FLUIDS IN SMALL-DIAMETER TANKS BY RECIRCULATION.
Y-1531 18G N 20 13 HC$ 3.00 MF$ 0.75

FLUIDS, VISCOSITY
DECAY OF A DISCONTINUITY LINE IN A VISCOUS FLUID.
AD-634 163 20D T 66 15 HC$ 2.00 MF$ 0.50

FLUORESCENT ANTIBODY TECHNIQUES, BIBLIOGRAPHIES
IMMUNOFLUORESCENCE, AN ANNOTATED BIBLIOGRAPHY. II. VIRAL STUDIES,
AD-634 157 6E T 66 15 HC$ 3.00 MF$ 0.75

FLUORIDES, OXYGEN COMPOUNDS
RESEARCH ON CHEMISTRY OF O3F2 AND O2F2.
AD-634 440 7B T 66 15 HC$ 3.00 MF$ 0.50

FLUORIDES, PLUTONIUM COMPOUNDS
THE IMPURITY ANALYSIS OF PLUTONIUM PEROXIDE AND PLUTONIUM FLUORIDE.
RFP-599 7D U 41 15 HC$ 1.00 MF$ 0.50

FLUORINE COMPOUNDS, SYNTHETIC RUBBER
SYNTHESIS AND POLYMERIZATION OF FLUORINATED SULFUR MODIFIED NITROSO RUBBER.
AD-634 728 11J T 66 15 HC$ 2.00 MF$ 0.50

FLUOROCHLORIDES, COMPLEX COMPOUNDS
HIGH ENERGY OXIDIZERS.
AD-432 061 7B U 41 15 HC$ 1.60

FOCUSING, DETECTORS
DISCLOSURES ON MAGNETIC TAPE HANDLER, FOCUS DETECTOR, MULTI-PEN RECORDER, SIGNAL AVERAGING FILTER, ELECTROSTATIC RMS VOLTMETER, BACK-UP RING FOR O-RINGS, AND LOW TEMPERATURE SOLID STATE THERMOMETER.
NBS-TN-287 14B U 41 15 HC$ 0.25 MF$ 0.50

FOILS, ELECTRON DIFFRACTION ANALYSIS
INTERPRETATION OF ELECTRON DIFFRACTION PATTERNS FROM THIN PLATELETS.
AD-634 238 11F T 66 15 HC$ 2.00 MF$ 0.50

FOOD, COATINGS
EDIBLE COATINGS FOR DRIED AND COMPACTED FOODS: PART II.
AD-634 252 6H T 66 15 HC$ 3.00 MF$ 0.75

FOOD, MANUFACTURING METHODS
MANUFACTURE OF MARGARINE FROM HIGH CONCENTRATION ARTIFICIAL FOOD EMULSIONS BY ATOMIZING IN VACUUM,
AD-634 346 6H T 66 15 HC$ 1.00 MF$ 0.50

FORAMINIFERA, BIOLOGY
A NEW APPROACH TO NUTRITION, PHYSIOLOGY AND MINERAL CYCLING OF FORAMINIFERA.
NYO-3396-3 6C U 41 15 HC$ 2.00 MF$ 0.50

FOREIGN AID, OPERATIONS RESEARCH
APPLYING ANALYTIC METHODS TO PROBLEMS OF DEVELOPMENT ASSISTANCE,
AD-634 230 5D T 66 15 HC$ 1.00 MF$ 0.50

FOREIGN AID, VIETNAM
FOREIGN ECONOMIC RELATIONS OF THE DEMOCRATIC REPUBLIC OF VIETNAM (1945-1960),
AD-634 589 5D T 66 15 HC$ 1.00 MF$ 0.50

FOREIGN POLICY, CHINA
BOUNDARY CONDITIONS OF THE SINO-INDIAN CONFLICT.
AD-450 405 5D U 41 15 HC$15.30

FOREST FIRES, WEATHER FORECASTING
CRITICAL FIRE WEATHER PATTERNS, THEIR FREQUENCY AND LEVELS OF FIRE DANGER,
AD-634 565 2F T 66 15 HC$ 3.00 MF$ 0.75

FORESTRY, CLASSIFICATION
THE OXFORD SYSTEM: A STUDY OF ITS USES AT A FOREST EXPERIMENT STATION,
PB-170 437 5B U 41 15 HC$ 1.10 MF$ 0.50

FORESTRY, NEW MEXICO
FOREST INVENTORY: ISLETA PUEBLO FOREST LANDS, NEW MEXICO.
PB-170 273 5C U 41 15 HC$ 3.00 MF$ 0.75

FOREST INVENTORY: JEMEZ PUEBLO FOREST LANDS NEW MEXICO,
PB-170 274 5C U 41 15 HC$ 3.00 MF$ 0.75

FORMATION
EFFECTS OF HYDROSTATIC PRESSURE ON THE MECHANICAL BEHAVIOR OF BODY CENTERED CUBIC REFRACTORY METALS AND ALLOYS.
N66-16380 11F U 41 15 HC$ 2.00 MF$ 0.50

FOUNDATIONS(STRUCTURES), SAND
FAILURE MODES OF SAND SURROUNDING A LATERALLY DISPLACED PILE SUBJECTED TO STATIC AND IMPACT LOADS,
AD-470 096 8M U 41 15 HC$ 7.60 MF$ 0.75

FRACTURE(MECHANICS), ELASTICITY
THREE-DIMENSIONAL THERMOELASTIC PROBLEMS OF PLANES OF DISCONTINUITIES OR CRACKS IN SOLIDS.
AD-634 357 20K T 66 15 HC$ 2.00 MF$ 0.50

FRACTURE(MECHANICS), MATHEMATICAL ANALYSIS
ON THE WESTERGAARD METHOD OF CRACK ANALYSIS.
AD-634 356 20K T 66 15 HC$ 1.00 MF$ 0.50

FRACTURE(MECHANICS), PHOTOGRAPHIC ANALYSIS
THE DEVELOPMENT OF A NEW DETERMINATION OF THE DUCTILE-BRITTLE TRANSITION TEMPERATURE.
EURAEC-225 20K U 41 15 HC$ 1.00 MF$ 0.50

FRACTURE(MECHANICS), STRESSES
THE EFFECT OF COUPLE-STRESSES ON THE STRESS CONCENTRATION AROUND A CRACK.
AD-634 186 20K T 66 15 HC$ 2.00 MF$ 0.50

FREQUENCY CONVERTERS, CALIBRATION
FREQUENCY CONVERTER: 5253A AND 5253B (HEWLETT-PACKARD).
PB-170 209 14B U 41 15 HC$ 1.10 MF$ 0.50

FREQUENCY MULTIPLIERS, RADIOFREQUENCY INTERFERENCE
INTERFERENCE REDUCTION TECHNIQUES FOR NONLINEAR DEVICES.
AD-451 658 17B U 41 15 HC$15.60

FREQUENCY MULTIPLIERS, VARACTOR DIODES
SOME RESULTS FOR HIGHER-ORDER VARACTOR FREQUENCY MULTIPLIERS,
AD-404 819 9A U 41 15 HC$13.60

FREQUENCY, STANDARDS
USE OF OPTICALLY PUMPED RUBIDIUM VAPOR FREQUENCY STANDARD AS MASTER OSCILLATOR IN SATELLITE TRACKING STATIONS,
AD-424 483 22C U 41 15 HC$ 7.60

FRICTION, POLYMERS
FRICTION STUDIES OF POLYMER SOLUTIONS,
AD-634 682 11H T 66 15 HC$ 1.00 MF$ 0.50

FRICTION, VACUUM
ULTRA HIGH VACUUM ADHESION AND FRICTION,
AD-634 678 8H T 66 15 HC$ 1.00 MF$ 0.50

FROG
INCORPORATION OF PROTEIN AND NUCLEIC ACID PRECURSORS INTO FROG NERVOUS TISSUE IN VITRO,
N66-15245 6A U 41 15 HC$ 1.00 MF$ 0.50

FRUITS, PRESERVATION
EFFECTS OF LOW-LEVEL IRRADIATION UPON THE PRESERVATION OF FOOD PRODUCTS.
TID-22509 6H N 20 12 HC$ 3.00 MF$ 0.75

FUEL ADDITIVES, SOLID ROCKET PROPELLANTS
KINETIC STUDY OF ROCKET EXHAUST GASES.
AD-462 506 21I U 41 15 HC$ 2.60

FUEL BURN UP, REACTOR SYSTEM COMPONENTS
LASER. A DEPLETION PROGRAM FOR LATTICE CALCULATIONS BASED ON MUFT AND THERMOS,
WCAP-6073 18I N 20 13 HC$ 4.00 MF$ 0.75

FUEL CELLS, BIOCHEMISTRY
BIOCHEMICAL FUEL CELLS.
AD-296 802 10B U 41 15 HC$ 4.60

FUEL CELLS, CATALYSTS
FUEL CELL CATALYSTS.
AD-455 564 10B U 41 15 HC$ 2.00

RESEARCH TO IMPROVE ELECTROCHEMICAL CATALYSTS.
AD-461 088 10B U 41 15 HC$ 3.00

FUEL CELL CATALYSTS.
AD-461 362 10B U 41 15 HC$ 9.60

FUEL CELLS, ELECTRODES
ELECTROCHEMISTRY OF FUEL CELL ELECTRODES.
AD-634 241 10B T 66 15 HC$ 2.60 MF$ 0.50

FUEL CELLS, HYDROCARBONS
A HYDROCARBON-AIR FUEL CELL USING AN ACID ELECTROLYTE,
AD-634 677 10B T 66 15 HC$ 1.00 MF$ 0.50

FUEL CELLS, SURFACE PROPULSION
AN EVALUATION OF FUEL CELL SYSTEMS FOR MILITARY VEHICLE PROPULSION AND PORTABLE ELECTRIC POWER GENERATION. PART I.
AD-456 739 10B U 41 15 HC$ 5.00

FUEL CELLS, WATER SUPPLES
EFFECTS OF ORAL ADMINISTRATION OF A FUEL CELL PRODUCT WATER TO MACACA MULATTA.
AD-634 315 6K T 66 15 HC$ 1.00 MF$ 0.50

FUELS, AMMONIA
THE THEORY OF OPERATION OF AN AMMONIA BURNING INTERNAL COMBUSTION ENGINE,
AD-634 681 21D T 66 15 HC$ 1.00 MF$ 0.50

FUELS, RAMJET ENGINES
RAMJET TECHNOLOGY. AIR-FUEL MIXTURE PREPARATION,
PB-169 988 21D U 41 15 HC$13.60

FUELS, STORAGE
FLEXIBLE CONTAINERS FOR UNDERWATER STORAGE OF LIQUID FUELS,
AD-449 910 13D U 41 15 HC$ 1.10

FUELS, THERMIONIC CONVERTERS
THE DEVELOPMENT OF A FLAME FIRED THERMIONIC GENERATOR.
AD-634 538 10B T 66 15 HC$ 3.00 MF$ 0.75

FULMINATES, MOLECULAR WEIGHT
MOLECULAR WEIGHT OF FULMINIC ACID,
AD-479 639 7A U 41 15 HC$ 1.60 MF$ 0.50

FULMINATES, SYNTHESIS(CHEMISTRY)
NEW FULMINATES AND AZIDES,
AD-479 637 7A U 41 15 HC$ 1.60 MF$ 0.50

FUNCTIONS, DISTRIBUTION THEORY
ANALYTIC REPRESENTATION OF GENERALIZED FUNCTIONS.
AD-634 559 12A T 66 15 HC$ 2.00 MF$ 0.50

GALAXY
THE HELIUM CONTENT OF THE GALAXY,
N66-15244 3B U 41 15 HC$ 3.00 MF$ 0.50

GAME THEORY, ECONOMICS
PURE COMPETITION, COALITIONAL POWER AND FAIR DIVISION,
AD-634 698 5C T 66 15 HC$ 3.00 MF$ 0.50

GAMMA EMISSION, FISSION PRODUCT ACTIVITY
GAMMA ENERGY RELEASE FROM FISSION PRODUCT DECAY FOLLOWING A SHORT REACTOR TRANSIENT,
IDO-17161 18I N 20 13 HC$ 2.00 MF$ 0.50

GAMMA RAYS, DOSE RATE
GAMMA DOSE RATE MEASUREMENTS - KIWI TRANSIENT NUCLEAR TEST,
LA-3446 18D U 41 15 HC$ 2.00 MF$ 0.50

GAMMA RAYS, LASERS
NUCLEAR ENERGY DRIVEN LASER SYSTEMS.
AD-455 571 20E U 41 15 HC$ 5.60

GAMMA RAYS, URANIUM ALLOYS
DIFFUSION IN GAMMA URANIUM.
ANL-6568 11F U 41 15 HC$ 3.00 MF$ 0.75

GAMMA-RAY SPECTROSCOPY, DATA PROCESSING SYSTEMS
TRAITEMENT DES INFORMATIONS ISSUES D'UN SPECTROMETRE (PROCESSING OF DATA ISSUED FROM GAMMA SPECTROMETER),
PB-169 890 18D U 41 15 HC$ 5.60 MF$ 0.50

GAMMA-RAY SPECTROSCOPY, MATHEMATICAL ANALYSIS
COMPUTER CORRECTION FOR SHIFTS IN GAIN AND BASELINE IN GAMMA RAY SCINTILLATION PULSE HEIGHT SPECTRA,
AD-463 130 18D U 41 15 HC$ 2.60

GAMMA-RAY SPECTROSCOPY, RADIOACTIVE FALLOUT
EXPANSION OF FALLOUT-RADIATION NUMBER-SPECTRA CALCULATIONS TO LOW ALTITUDE.
AD-634 534 18H T 66 15 HC$ 4.00 MF$ 1.00

GAS ANALYSIS, MASS SPECTROSCOPY
ON THE FEASIBILITY OF ANALYZING ABLATOR BLOW-OFF GASES WITH A TIME-OF-FLIGHT MASS SPECTROMETER,
AD-634 135 7D T 66 15 HC$ 3.00 MF$ 0.50

GAS FLOW, HEAT EXCHANGES
CAN 1.
EURAEC-37 13A U 41 15 HC$ 1.00 MF$ 0.50

GAS FLOW, INTERIOR BALLISTICS
ACOUSTICAL AND VISUAL ATTENUATION THROUGH DYNAMIC REGULATION OF MUZZLE GAS FLOW,
AD-634 649 19D T 66 15 HC$ 1.00 MF$ 0.50

GAS IONIZATION, LASERS
DETECTION OF THE RAPID HALATION OF PHOTOIONIZATION AND THE CLOUD OF CONCENTRATED LONG-LIFE IONIZATION RESULTING FROM THE SHOCK WAVE OF A SPARK IN A LASER BEAM,
AD-634 161 20E T 66 15 HC$ 1.00 MF$ 0.50

GAS IONIZATION, REACTION KINETICS
KINETICS OF IONIZATION OF OXYGEN,
AD-634 298 7D T 66 15 HC$ 1.10 MF$ 0.50

GAS TURBINES, HEAT TRANSFER
HIGH-TEMPERATURE ENERGY SYSTEMS.
TID-21596 18E U 41 15 HC$ 1.00 MF$ 0.50

GASES, DISSOCIATION
HEAT TRANSFER IN A DISSOCIATING GAS,
PB-169 657 7D U 41 15 HC$ 4.60

GASES, VISCOSITY
A HIGH-TEMPERATURE OSCILLATING-DISK VISCOMETER.
AD-477 649 14B U 41 15 HC$ 2.00 MF$ 0.50

GAS-COOLED REACTORS, CONTROL RODS
THE MANUFACTURE OF THE CONTROL RODS FOR THE EXPERIMENTAL GAS COOLED REACTOR,
ORNL-3932 18I N 20 12 HC$ 2.00 MF$ 0.50

GAS-COOLED REACTORS, HEAT TRANSFER
ARMY GAS-COOLED REACTOR SYSTEMS PROGRAM. HECTIC-II. AN IBM 7090 FORTRAN COMPUTER PROGRAM FOR HEAT TRANSFER ANALYSIS OF GAS OR LIQUID COOLED REACTOR PASSAGES,
IDO-28595 18I U 41 15 HC$ 2.00 MF$ 0.75

GAS-COOLED REACTORS, REACTOR SHIELDING CALCULATIONS
ARMY GAS-COOLED REACTOR SYSTEMS PROGRAM. ML-1A SHIELD OPTIMIZATION STUDY.
AGN-TM-412 18F U 41 15 HC$ 4.00 MF$ 0.75

GEARS, MATERIALS
SELF-LUBRICATING BEARING MATERIALS,
PB-169 903 11H U 41 15 HC$ 3.60 MF$ 0.50

GENERATORS, THERMIONIC CONVERTERS
THE DEVELOPMENT OF A FLAME FIRED THERMIONIC GENERATOR.
AD-634 538 10B T 66 15 HC$ 3.00 MF$ 0.75

GENETICS, SYMPOSIA
GENETIC CONTROL OF DIFFERENTIATION. REPORT OF SYMPOSIUM HELD JUNE 7-9, 1965. BROOKHAVEN SYMPOSIA IN BIOLOGY, NUMBER 18.
BNL-931 6C U 41 15 HC$ 3.00 MF$ 1.50

GEODESICS, INSTRUMENTATION
EXHIBITION OF CONTEMPORARY GEODETIC AND PHOTOGRAMMETRIC INSTRUMENTS,
AD-634 284 14B T 66 15 HC$ 1.00 MF$ 0.50

GEODESICS, PROGRAMMING(COMPUTERS)
GEOID REPRESENTATION FROM SATELLITE-DETERMINED COEFFICIENTS.
AD-634 541 8E T 66 15 HC$ 4.00 MF$ 0.75

GEODESICS, SATELLITE TRACKING SYSTEMS
A GEOMETRIC SIMULTANEOUS MULTISTATION DETERMINATION, WITH CONSTRAINTS, USING DATA FROM GEODETIC SATELLITES,
AD-634 679 8E T 66 15 HC$ 1.00 MF$ 0.50

GEODESICS, SATELLITES(ARTIFICIAL)
ANALYSIS OF THE OBSERVATIONAL CONTRIBUTIONS TO THE ERRORS OF THE NAVY SATELLITE DOPPLER GEODETIC SYSTEM,
AD-464 349 8E U 41 15 HC$ 8.60

GEOGRAPHY, PHOTOGRAPHIC RECORDING SYSTEMS
MILITARY IMPLICATIONS OF SEASONAL ENVIRONMENTAL CHANGE AS REVEALED THROUGH TIME-LAPSE PHOTOGRAPHY,
AD-634 676 15D T 66 15 HC$ 1.00 MF$ 0.50

GERMANIUM, CARRIERS(SEMICONDUCTORS)
MINORITY-CARRIER MOBILITY IN P-TYPE GERMANIUM UNDER HIGH UNIAXIAL STRESS,
AD-634 584 20L T 66 15

GERMANIUM, NUCLEAR RADIATION SPECTROMETERS
DEVELOPMENT, TESTING AND EVALUATION OF GERMANIUM NUCLEAR PARTICLE DETECTORS.
AD-634 718 18D T 66 15 HC$ 4.00 MF$ 0.75

GIMBALS, EQUATIONS
KINEMATICS OF A TRACKING GIMBAL,
AD-634 680 19E T 66 15 HC$ 1.00 MF$ 0.50

GLASS TEXTILES, COMPOSITE MATERIALS
EFFECT OF TEMPERATURE AND RATE OF LOADING ON THE TENSILE PROPERTIES OF GLASS-REINFORCED POLYESTER,
AD-451 322 11D U 41 15 HC$ 1.60

COMPOSITE THERMOPLASTIC/GLASS FILAMENT REINFORCEMENT FOR BUOYANT SUBMARINE CABLE.
AD-634 719 11D T 66 15 HC$ 1.00 MF$ 0.50

GLYCEROLS, MILITARY RATIONS
HIGH ENERGY SYNTHETIC COMPOUNDS FOR FUTURE COMPACT COMBAT RATIONS,
AD-634 673 6H T 66 15 HC$ 1.00 MF$ 0.50

GLYCOLS, MILITARY RATIONS
HIGH ENERGY SYNTHETIC COMPOUNDS FOR FUTURE COMPACT COMBAT RATIONS,
AD-634 673 6H T 66 15 HC$ 1.00 MF$ 0.50

GLYCOSIDE HYDROLASES, CHEMICAL PRECIPITATION
PRECIPITATION OF INVERTASE FROM YEAST AUTOLYSATES BY AMMONIUM SULFATE,
AD-634 347 6H T 66 15 HC$ 1.00 MF$ 0.50

GOLD ALLOYS, CORROSION
THE ATTACK OF COPPER-GOLD, SILVER-GOLD, COPPER-NICKEL, AND SILVER-COPPER ALLOYS BY SULFUR AT ELEVATED TEMPERATURES,
PB-169 085 11F U 41 15 HC$ 3.00 MF$ 0.75

GRAIN STRUCTURES(METALLURGY), CASTINGS
CONTROL OF CAST GRAIN SIZE OF STEEL CASTINGS; EFFECT OF GRAIN REFINEMENT ON PROPERTIES.
AD-634 343 11F T 66 15 HC$ 3.00 MF$ 0.75

GRAMMARS, CHILDREN
SYNTACTIC STRUCTURES IN THE LANGUAGES OF CHILDREN,
PB-170 500 5G U 41 15 HC$ 1.60 MF$ 0.50

GRAMMAR, MACHINE TRANSLATION
THE TRANSLATOR AS A BLACK BOX,
PB-170 420 5G U 41 15 HC$ 1.10 MF$ 0.50

GRAPHICS, COMBINATORIAL ANALYSIS
PARITY PATTERNS ON EVEN SEMIGRAPHS,

AD-634 755 12A T 66 15 HC$ 1.00 MF$ 0.50

GRAPHICS, COMPILERS
GRAPHICS.
AD-634 251 9B T 66 15 HC$ 1.00 MF$ 0.50

GRAPHITE, CARBON BLACK
RADIATION-INDUCED DIMENSIONAL CHANGES OF GRAPHITES CONTAINING CARBON BLACK,
BNWL-201 18J U 41 15 HC$ 1.00 MF$ 0.50

GRAPHITE, COMPRESSOR PARTS
HIGH TEMPERATURE TESTING OF GRAPHITE HELICAL-SCREW EXPANDERS AND COMPRESSORS.
UCRL-14660 21E U 41 15 HC$ 3.00 MF$ 0.75

GRAPHITE, ELECTRODES
THE EFFECTS OF VARIOUS GRADES OF GRAPHITE ELECTRODES ON THE CARRIER DISTILLATION OF IMPURITIES IN U3O8. SUPPLEMENTAL REPORT-POCO EP-192, E P-192C, AND EP-1924 AND GENERAL GRAPHITES,
NLCO-967 7B U 41 15 HC$ 1.00 MF$ 0.50

GRAPHITE, PLUTONIUM
RECOVERY OF PLUTONIUM FROM GRAPHITE,
RFP-598 18B U 41 15 HC$ 2.00 MF$ 0.50

GREAT LAKES, LAKE WAVES
MODIFICATION OF NEARSHORE CURRENTS BY COASTAL STRUCTURES,
AD-634 637 8H T 66 15 HC$ 1.00 MF$ 0.50

GRINDING, VIBRATORS(MECHANICAL)
VIBRATORY GRINDING AND POLISHING OF METALLOGRAPHIC SPECIMENS,
ANL-6975 13H U 41 15 HC$ 2.00 MF$ 0.50

GROUND STATE, MOLECULES
DELOCALIZED EXCITATION AND EXCITATION TRANSFER.
FSU-2690-18 7D U 41 15 HC$ 3.00 MF$ 0.75

GROUP DYNAMICS, DECISION MAKING
VALIDITY OF PEER NOMINATIONS IN PREDICTING A DISTANT PERFORMANCE CRITERION.
AD-634 174 5J T 66 15

GROUP DYNAMICS, LEADERSHIP
A PROGRAM OF LEADERSHIP INSTRUCTION FOR JUNIOR OFFICERS.
AD-409 096 5I U 41 15 HC$ 5.60

GROUPS(MATHEMATICS, ALGEBRAS
CONJUGACY CLASSES IN LIE ALGEBRAS AND ALGEBRAIC GROUPS.
AD-634 734 12A T 66 15 HC$ 1.00 MF$ 0.50

GROUPS(MATHEMATICS, EXPERIMENTAL DESIGN
ON STATISTICALLY INSPIRED CONDITIONS FOR THE GROUP STRUCTURE OF INVARIANT EXPERIMENTS.
AD-634 769 12A T 66 15 HC$ 1.00 MF$ 0.50

GUIDED MISSILE FUZES, EXPLOSIVE TRAINS
SMALL EXPLOSIVE TRAIN FOR MISSILE SAFETY AND ARMING DEVICE,
AD-634 496 19A T 66 15 HC$ 2.00 MF$ 0.50

GUIDED MISSILE LAUNCHERS, SPRINGS
FINAL STATIC AND DYNAMIC TESTS OF THE FLUID MAGNETIC SPRING AND LOCKOUT DEVICE FOR POLARIS LAUNCH TUBES,
AD-634 694 16A T 66 15 HC$ 2.60 MF$ 0.50

GUIDED MISSILE PERSONNEL, TRAINING
DEVELOPMENT OF TECHNICAL TRAINING MATERIALS FOR NIKE HERCULES JUNIOR OFFICERS.
AD-634 301 5I T 66 15 HC$ 2.00 MF$ 0.50

GUIDED MISSILE TRACKING SYSTEMS, POSITION FINDING
ON A RELATIONSHIP BETWEEN THE ERRORS OF POSITION, VELOCITY AND ACCELERATION,
AD-634 638 16B T 66 15 HC$ 1.00 MF$ 0.50

GUIDED MISSILE TRAJECTORIES, EQUATIONS OF MOTION
TRAJECTORY EQUATIONS FOR A SIX-DEGREE-OF-FREEDOM MISSILE USING A FIXED-PLANE COORDINATE SYSTEM.
AD-634 267 16B T 66 15 HC$ 3.00 MF$ 0.75

GUIDED MISSILES(UNDERWATER-TO-SURFACE), GUIDED MISSILE LAUNCHERS
FINAL STATIC AND DYNAMIC TESTS OF THE FLUID MAGNETIC SPRING AND LOCKOUT DEVICE FOR POLARIS LAUNCH TUBES,
AD-634 694 16A T 66 15 HC$ 2.60 MF$ 0.50

GUIDED MISSILES, DRAG
A CORRELATION OF THE BASE DRAG OF BODIES-OF-REVOLUTION WITH A JET EXHAUSTING THROUGH THE BASE,
AD-634 662 16D T 66 15 HC$ 1.00 MF$ 0.50

GYROSCOPES, STABILITY
STABILITY OF THE MOTION OF SOME CONTROLLED GYROSCOPIC DEVICES ON A MOBILE BASE,
AD-634 515 20K T 66 15 HC$ 1.00 MF$ 0.50

HALOCARBON PLASTICS, LUBRICANTS
TECHNOLOGY OF MANUFACTURE AND PROPERTIES OF ANTIFRICTION MATERIALS CONTAINING FLUOROPLASTICS: (BASIC PRINCIPLES OF PRODUCTION),
AD-634 308 11H T 66 15 HC$ 3.00 MF$ 0.75

HALOGENATED HYDROCARBONS, POLYMERS
PHYSICAL AND RHEOLOGICAL PROPERTIES OF NITROSO RUBBERS.
AD-461 425 11J U 41 15 HC$ 2.60

AD-634 143 11J T 66 15 HC$ 1.00 MF$ 0.50

AD-634 144 11J T 66 15 HC$ 2.00 MF$ 0.50

HALOGENATED HYDROCARBONS, RADIATION DAMAGE
RADIATION EFFECTS IN FLUOROLUBE.
AD-634 292 18H T 66 15 HC$ 1.00 MF$ 0.50

HAMILTONIAN, QUANTUM MECHANICS
TRANSLATIONALLY COVARIANT HAMILTONIANS,
AD-422 500 20J U 41 15 HC$ 2.60

HAMMERS, SOILS
RAPID EMPLACEMENT AND RETRIEVING DEVICE FOR GROUND STAKES SP 112/6 AND 6P-113/6.
AD-427 385 13M U 41 15 HC$19.00

HEALTH PHYSICS INSTRUMENTATION, AIR POLLUTION
AUTOMATED AIR SAMPLING BY THE USE OF APERTURE CARDS,
Y-1501 6R U 41 15 HC$ 1.00 MF$ 0.50

HEALTH PHYSICS, MEDICAL RESEARCH
BIOLOGY AND MEDICINE SEMIANNUAL REPORT, FALL 1965,
UCRL-16613 6R U 41 15 HC$ 4.00 MF$ 0.75

HEALTH PHYSICS, NEW JERSEY
EPIDEMIOLOGICAL FOLLOWUP OF THE NEW JERSEY RADIUM CASES. I. REPORT OF THE EPIDEMIOLOGICAL AND MEDICAL STUDY GROUP AND THE PROJECT SUBCONTRACTORS. II. RESUME OF COOPERATIVE LABORATORY STUDIES ON PROJECT CASES AND SPECIMENS. III. RESUMES OF FINDINGS FROM INDIVIDUAL CASE STUDIES.
NYO-2181-3 6R N 20 12 HC$ 4.00 MF$ 1.00

HEALTH PHYSICS, RADIOACTIVITY
PROGRAM BOOK FOR THE ADVISORY COMMITTEE FOR BIOLOGY AND MEDICINE OF THE UNITED STATES ATOMIC ENERGY COMMISSION. PART II.
UCRL-14739 6R U 41 15 HC$ 5.00 MF$ 1.00

HEARING, BATTLE INJURIES
SOME STUDIES OF TEMPORARY HEARING LOSSES RESULTING FROM REPEATED EXPOSURE TO GUNFIRE NOISE,
AD-634 698 6U T 66 15 HC$ 1.00 MF$ 0.50

HEARING, POSITIONING REACTIONS
NOISE LOCALIZATION AFTER UNILATERAL ATTENUATION.
AD-634 457 6J T 66 15 HC$ 1.00 MF$ 0.50

HEARING, PSYCHOPHYSIOLOGY
STUDIES OF BINAURAL INTERACTION.
AD-634 344 6P T 66 15 HC$ 4.00 MF$ 0.75

HEART, PATHOLOGY
ISCHEMIC HEART DISEASE, ATHEROSCLEROSIS, AND LONGEVITY,
UCRL-14658 6E N 20 12 HC$ 2.00 MF$ 0.50

HEAT EXCHANGERS, WELDING
PROGRAMMED TUBE TO TUBESHEET WELDING ON HANFORD HEAT EXCHANGERS USED IN NUCLEAR PROCESSING SERVICE,
RL-SEP-710 13H U 41 15 HC$ 1.00 MF$ 0.50

HEAT EXCHANGER, BOILER TUBES
MODULAR STEAM GENERATOR FABRICATION,
NAA-SR-11739 13H U 41 15 HC$ 3.00 MF$ 0.50

HEAT EXCHANGES, MECHANICAL PROPERTIES
THERMAL STRESS AND TRANSIENT BEHAVIOR AND THERMAL FATIGUE CRITERIA OF MARINE RECUPERATORS.
AD-634 681 13A T 66 15 HC$ 1.00 MF$ 0.50

HEAT OF SOLUTION, HYDRAZINE
THE DISSOCIATION ENERGY OF THE N-H BOND IN HYDRAZINE AND RELATED COMPOUNDS.
AD-634 219 7D T 66 15 HC$ 1.00 MF$ 0.50

HEAT OF VAPORIZATION, VACUUM APPARATUS
AN ULTRA-HIGH VACUUM THERMOBALANCE FOR LANGMUIR VAPORIZATION STUDIES VAPOR PRESSURE OF MOLYBDENUM,
LA-3423 7D U 41 15 HC$ 1.00 MF$ 0.50

HEAT PRODUCTION(BIOLOGY), MEASUREMENT
THE MET AND THE CLO. PART I. RESTATEMENT OF THE ORIGINAL DEFINITIONS.
AD-634 271 6P T 66 15 HC$ 1.00 MF$ 0.50

HEAT TRANSFER, DUCTS
HEAT TRANSFER IN THE CASE OF TURBULENT MOTION OF A FLUID IN AN ANNULAR DUCT,
AD-634 232 20M T 66 15 HC$ 1.00 MF$ 0.50

HEAT TRANSFER, GASES
HEAT TRANSFER IN A DISSOCIATING GAS,
PB-169 657 7D U 41 15 HC$ 4.60

HEAT TRANSFER, LAMINAR FLOW
HEAT TRANSFER AND FLOW VISUALIZATION ON 1/2-INCH-DIAMETER CYLINDERS IN LAMINAR HYPERSONIC FLOW.
SC-DC-65-1907 1A N 20 12 HC$ 3.00 MF$ 0.50

HEAT TRANSFER, MEASUREMENT
A NEW METHOD FOR THE MEASUREMENT OF HEAT TRANSFER.
AD-634 158 20M T 66 15 HC$ 1.00 MF$ 0.50

HEAT TRANSFER, PROGRAMMING(COMPUTERS)
ARMY GAS-COOLED REACTOR SYSTEMS PROGRAM. HECTIC-II. AN IBM 7090 FORTRAN COMPUTER PROGRAM FOR HEAT TRANSFER ANALYSIS OF GAS OR LIQUID COOLED REACTOR PASSAGES,
IDO-28595 18I U 41 15 HC$ 2.00 MF$ 0.75

HEAT TRANSFER, STEAM POWER PLANTS
CAN 1.
EURAEC-37 13A U 41 15 HC$ 1.00 MF$ 0.50

HEAT TREATMENT, CERAMIC MATERIALS

CHEMICAL STRENGTHENING OF CERAMIC MATERIALS.
AD-634 361 13H T 66 15 HC$ 4.00 MF$ 1.00

HEATERS, SUPERSONIC WIND TUNNELS
ELECTRIC AIR HEATER FOR SUPERSONIC WIND TUNNELS.
AD-634 504 14B T 66 15 HC$ 3.00 MF$ 0.75

HEAT-RESISTANT MATERIALS, COMPOSITE MATERIALS
FEDERAL MATERIALS RESEARCH PROGRAM-OPPORTUNITIES, ROADBLOCKS AND PROBLEMS.
TID-22424 11F U 41 15 HC$ 2.00 MF$ 0.50

HEAT-RESISTANT MATERIALS, PHASE STUDIES
FUNDAMENTAL STUDIES IN HIGH-TEMPERATURE MATERIALS PHENOMENA. SCOPE I. HIGH-TEMPERATURE-PRESSURE PHYSICAL PROPERTY MEASUREMENTS. SCOPE II. ELECTRICAL RESISTIVITY MEASUREMENTS OF MATERIALS IN RELATION TO HIGH TEMPERATURE TRANSFORMATIONS. SCOPE III. TRANSFORMATIONS IN AB2 INTERMETAL.
TID-21673 18J U 41 15 HC$ 4.00 MF$ 1.00

HEAVY WATER REACTORS, NEUTRON FLUX
MESURES DU COEFFICIENT DE DIFFUSION RADIAL DANS AQUILON II PAR L'ETUDE DE LA DISTORSION DE LA STRUCTURE FINE (MEASUREMENT OF THE RADIAL DIFFUSION CONSTANT AT AQUILON II BY MEANS OF THE STUDY OF THE DISTORTION OF THE FINE STRUCTURE),
PB-169 359 18K U 41 15 HC$ 3.60 MF$ 0.50

HELICOPTER ENGINES, LOADING(MECHANICS)
CH-54A SKYCRANE ENGINE LOAD SHARING.
AD-634 503 1C T 66 15 HC$ 3.00 MF$ 0.50

HELICOPTERS, DOWNWASH
HELICOPTER DOWNWASH BLAST EFFECTS STUDY,
AD-452 177 18 U 41 15 HC$ 4.60

HELICOPTERS, PERFORMANCE(ENGINEERING)
UH-1B HELICOPTER FLIGHT LOADS INVESTIGATION PROGRAM.
AD-634 502 1C T 66 15 HC$ 4.00 MF$ 0.75

CH-54A SKYCRANE ENGINE LOAD SHARING.
AD-634 503 1C T 66 15 HC$ 3.00 MF$ 0.50

HELIUM GROUP GASES, EXCITATION
PRODUCTION OF METASTABLE ATOMS BY ELECTRON IMPACT.
UCRL-14450 20H U 41 15 HC$ 2.00 MF$ 0.50

HELIUM, ELECTRON BOMBARDMENT
NEUTRON FORM FACTORS FROM INELASTIC ELECTRON SCATTERING IN TRITIUM AND HELIUM - 3,
AD-634 756 20H T 66 15 HC$ 1.00 MF$ 0.50

HEMORRHAGE, SHOCK(PATHOLOGY
PATTERN OF PHYSIOLOGICAL VARIABLES IN SLOW BLOOD LOSS SHOCK,
AD-634 643 6E T 66 15 HC$ 1.00 MF$ 0.50

HETEROCYCLIC COMPOUNDS, SILANES
THE PREPARATION OF SMALL RING COMPOUNDS CONTAINING SILICON. PART I. VINYL-HYDROGEN LIGAND EXCHANGE ON SILICON. PART II. THE PREPARATION AND ISOMERIZATION OF MONOCYCLIC SILYLHYDRAZINES. PART III. ON THE ATTEMPTED SYNTHESIS OF THE 1,2-DISILACYCLOBUTANE RING SYSTEM.
AD-634 735 7C T 66 15 HC$ 2.00 MF$ 0.50

HETEROGENEOUS REACTORS, NEUTRON TRANSPORT THEORY
NEUTRON TRANSPORT CALCULATIONS ON AIR FORCE NUCLEAR ENGINEERING TEST REACTOR.
AD-634 563 18K T 66 15 HC$ 3.00 MF$ 0.75

HETEROGENEOUS REACTORS, PROGRAMMING(COMPUTERS)
DATAPREP-II. A REACTOR LATTICE HOMOGENEIZATION AND BIGG-II DATA PREPARATION COMPUTER CODE,
PB-169 881 18K U 41 15 HC$ 7.60 MF$ 0.75

HETEROGENEOUS REACTORS, REACTOR LATTICE PARAMETERS
BIGG-II. A MULTIGROUP NEUTRON SPECTRUM AND CRITICALITY CODE,
PB-169 460 18K U 41 15 HC$ 3.00 MF$ 0.75

HIGH ALTITUDE, ADAPTATION(PHYSIOLOGY)
HEMODYNAMIC ALTERATIONS IN HUMANS AND ANIMALS DURING CHRONIC HIGH ALTITUDE EXPOSURE,
AD-634 647 6S T 66 15 HC$ 1.00 MF$ 0.50

HONEYCOMB CORES, RADOMES
HONEYCOMB CERAMIC RADOME TECHNIQUES.
AD-474 285 17I U 41 15 HC$ 2.00 MF$ 0.50

HULLS(MARINE), PLANING SURFACES
GENERAL RESISTANCE TEST OF A SHALLOW STEP PLANING HULL WITH APPLICATION TO A HYDROFOIL CONFIGURATION.
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HUMAN ENGINEERING, COCKPITS
COCKPIT DESIGN STUDIES! STANDARD COCKPIT MOCKUP! SELECTION OF SUBJECTS FOR AIRCREW STATION DESIGN EXPERIMENTATION,
PB-169 222 5E U 41 15 HC$ 1.00 MF$ 0.50

HUMAN ENGINEERING, COMBAT INFORMATION CENTERS
HUMAN FACTORS RESEARCH IN COMMAND INFORMATION PROCESSING SYSTEMS,
AD-634 313 15C T 66 15 HC$ 2.00 MF$ 0.50

HUMAN ENGINEERING, LOGISTICS
HUMAN FACTORS ASPECTS OF THE GM-EQUIPPED SOLDIER IN JUNGLE OPERATIONS! AN OPERATIONAL APPROACH.
AD-634 720 15E T 66 15 HC$ 3.00 MF$ 0.75

HUMAN ENGINEERING, REACTOR CONTROL
CONTROL-CAB DESIGN FOR ML-1A NUCLEAR POWER PLANT! HUMAN ENGINEERING CONSIDERATIONS.
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HUMAN PERFORMANCE
THE ROLE OF THE RESEARCH ADMINISTRATOR,
N66-14417 5A U 41 15 HC$ 1.00 MF$ 0.50

HUMANS, ALASKA
A HUMAN GEOGRAPHICAL STUDY IN NORTHWEST ALASKA.
PNE-444 8F U 41 15 HC$ 5.00 MF$ 1.00

HUMIDITY
TECHNOLOGY STUDY OF PASSIVE CONTROL OF HUMIDITY IN SPACE SUITS,
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HYDRAULIC SYSTEMS, AUTOMATION
HYDRAULIC AUTOMATION SYSTEMS,
AD-634 397 13G T 66 15 HC$ 4.00 MF$ 0.75

HYDRAZINE DERIVATIVES, DETONATIONS
THE DETONATION BEHAVIOR OF HYDRAZINE MONONITRATE,
AD-634 602 19A T 66 15 HC$ 1.00 MF$ 0.50

HYDRAZINE, DISSOCIATION
THE DISSOCIATION ENERGY OF THE N-H BOND IN HYDRAZINE AND RELATED COMPOUNDS.
AD-634 219 7D T 66 15 HC$ 1.00 MF$ 0.50

HYDRAZINE, REACTION KINETICS
THE HOMOGENEOUS GAS PHASE KINETICS OF REACTIONS IN THE HYDRAZINE-NITROGEN TETROXIDE PROPELLANT SYSTEM.
AD-634 277 21I T 66 15 HC$ 7.00 MF$ 1.25

HYDROCARBONS, FUEL CELLS
A HYDROCARBON-AIR FUEL CELL USING AN ACID ELECTROLYTE,
AD-634 677 10B T 66 15 HC$ 1.00 MF$ 0.50

HYDRODYNAMIC CONFIGURATIONS, CAVITATION
CAVITATION INCEPTION ON THREE-DIMENSIONAL ROUGHNESS ELEMENTS.
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THE USE OF ONE-AND TWO-DIMENSIONAL HYDRODYNAMIC MACHINE CALCULATIONS IN HIGH EXPLOSIVE RESEARCH,
UCRL-14431 18C U 41 15 HC$ 1.00 MF$ 0.50

HYDRODYNAMICS, SHIPS
AN EXPERIMENTAL STUDY OF SHIP RESISTANCE AND MOTIONS IN WAVES -- A TEST FOR LINEAR SUPERPOSITION.
AD-634 330 20D T 66 15 HC$ 2.00 MF$ 0.50

HYDRODYNAMICS, STABILITY
HYDRODYNAMIC STABILITY OF NATURAL CIRCULATION BOILING SYSTEMS. VOLUME I. A COMPARATIVE SYSTEM OF ANALYTICAL MODELS AND EXPERIMENTAL DATA,
STL-372-14(1) 20D U 41 15 HC$ 5.00 MF$ 1.00

HYDROFOIL BOATS, DESIGN
HYDROFOIL SHIP STRUCTURAL DESIGN CRITERIA STUDY.
AD-469 181 13J U 41 15 HC$ 6.00 MF$ 1.25

HYDROFOILS, MODEL TESTS
GENERAL RESISTANCE TEST OF A SHALLOW STEP PLANING HULL WITH APPLICATION TO A HYDROFOIL CONFIGURATION.
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HYDROFORMING(MECHANICAL, ANISOTROPY
ANISOTROPY AND ITS RELATIONSHIP TO DEEP DRAWING OF A 5% CR TOOL STEEL (H-11) FOR THE HAWK MISSILE,
AD-634 669 13H T 66 15 HC$ 1.00 MF$ 0.50

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THEORETICAL AND EXPERIMENTAL INVESTIGATION OF SUPERSONIC COMBUSTION,
AD-445 978 21B U 41 15 HC$ 4.00

HYDROGEN, PURIFICATION
RESEARCH STUDIES ON SOLID HYDROGEN PURIFICATION MEMBRANES.
AD-634 547 7A T 66 15 HC$ 2.00 MF$ 0.50

HYDROGEN, THERMAL ANALYSIS
CALCULATIONS OF THE THERMAL PROPERTIES OF HYDROGEN,
LA-3364 20H N 20 13 HC$ 3.00 MF$ 0.50

HYDROLASES, INFLUENZA VIRUS
ISOLATION OF A LOW MOLECULAR WEIGHT SIALIDASE (NEURAMINIDASE) FROM INFLUENZA VIRUS,
AD-634 549 6A T 66 15

HYGIENE
WASTE MANAGEMENT AND PERSONAL HYGIENE FOR EXTENDED SPACECRAFT MISSIONS,
N66-15349 6K U 41 15 HC$ 2.00 MF$ 0.50

HYPERBOLIC EQUATION
FLEXURAL WAVES IN ELASTIC CIRCULAR PLATES BY METHOD OF CHARACTERISTICS.
N66-16071 20K U 41 15 HC$ 3.00 MF$ 0.50

HYPERSONIC CHARACTERISTICS, HYPERSONIC PLANES
LONGITUDINAL AERODYNAMIC CHARACTERISTICS OF SEVERAL HYPERSONIC AIRCRAFT CONFIGURATIONS AT A MACH NUMBER OF 6.26.
AD-634 562 1A T 66 15 HC$ 2.00 MF$ 0.50

HYPERSONIC FLOW, CYLINDRICAL BODIES
PRESSURE DISTRIBUTIONS ON SINGLE AND TANDEM CYLINDERS MOUNTED ON A PLATE IN MACH NUMBER 5.0 FLOW.
AD-634 282 20D T 66 15 HC$ 3.00 MF$ 0.75

HYPERSONIC FLOW, DELTA WINGS
LINEAR, ROTATIONAL FLOW OVER THE WINDWARD SIDE OF A HYPERSONIC DELTA WING.
AD-634 146 20D T 66 15 HC$ 2.00 MF$ 0.50

HYPERSONIC FLOW, HEAT TRANSFER
HEAT TRANSFER AND FLOW VISUALIZATION ON 1/2-INCH-DIAMETER CYLINDERS IN LAMINAR HYPERSONIC FLOW.
SC-DC-65-1907 1A N 20 12 HC$ 3.00 MF$ 0.50

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FILM AND TRANSPIRATION COOLING OF NOZZLE THROATS.
AD-634 588 20M T 66 15 HC$ 5.00 MF$ 1.00

HYPERSONIC PLANES, HYPERSONIC CHARACTERISTICS
LONGITUDINAL AERODYNAMIC CHARACTERISTICS OF SEVERAL HYPERSONIC AIRCRAFT CONFIGURATIONS AT A MACH NUMBER OF 6.26.
AD-634 562 1A T 66 15 HC$ 2.00 MF$ 0.50

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PRELIMINARY ESTIMATES OF THE TEST-SECTION CHARACTERISTICS IN A HIGH-ENTHALPY, LOW-DENSITY WIND TUNNEL.
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NOL HYPERSONIC SHOCK TUNNEL FACILITIES.
AD-447 153 14B U 41 15 HC$ 2.60

HYPERSONIC WIND TUNNELS, HYPERSONIC CHARACTERISTICS
NOL HYPERSONIC TUNNEL NO. 4.
AD-448 220 14B U 41 15 HC$ 5.60

HYPOXIA, CARDIOVASCULAR SYSTEM
HEMODYNAMIC ALTERATIONS IN HUMANS AND ANIMALS DURING CHRONIC HIGH ALTITUDE EXPOSURE.
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HIGH ALTITUDE HYPOXIA OBSERVATIONS IN SEVENTY-FIVE FATAL CASES AND ANALYSIS OF THE CAUSES OF THE HYPOXIA.
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ICE, ARCTIC REGIONS
REPORT OF SEVERE ICE CONDITIONS IN MELVILLE BUGT, SUMMER 1964.
AD-634 531 8L T 66 15 HC$ 2.00 MF$ 0.50

ICE, UNDERGROUND
MASSIVE UNDERGROUND ICE IN NORTHERN REGIONS.
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IDAHO, ECONOMICS
TOURIST AND RECREATION POTENTIAL: IDAHO 'PANHANDLE' AREA.
PB-170 230 5C U 41 15 HC$ 4.00 MF$ 0.75

IGNITION, SOLID ROCKET PROPELLANTS
MECHANISM OF CIALYTIC IGNITION AND COMBUSTION OF SOLID ROCKET PROPELLANTS.
AD-472 135 21I U 41 15 HC$ 1.10 MF$ 0.50

RESEARCH ON SOLID PROPELLANT IGNITION. PART I. THEORETICAL SEARCH FOR ANALYTICAL SOLUTIONS TO THE GAS PHASE IGNITION PROBLEM. PART II. EFFECTS OF FUEL VOLATILITY AND OTHER PHYSICAL AND CHEMICAL FACTORS ON IGNITABILITY.
AD-634 276 21I T 66 15 HC$ 3.00 MF$ 0.75

ILLINOIS, ECONOMICS
APRE-FEASIBILITY STUDY OF POSSIBLE PROJECT FOR RIVER VIEW ESTATES, INC., CALHOUN COUNTY, ILLINOIS.
PB-170 246 5C U 41 15 HC$ 2.00 MF$ 0.50

A PRE-FEASIBILITY STUDY OF PROJECTS PROPOSED BY HIDDEN VALLEY RANCH, INC., CALHOUN COUNTY, ILLINOIS.
PB-170 279 5C U 41 15 HC$ 3.00 MF$ 0.75

IMAGE INTENSIFIERS(ELECTRONICS), FILMS
THIN FILM IMAGE CONVERTER.
AD-435 788 9A U 41 15 HC$ 6.60

IMIDES, POLYMERS
POLYIMIDES.
AD-463 880 11I U 41 15 HC$ 1.00

IMMUNE SERUMS, BIOLOGICAL ASSAY
PRECIPITIN RESPONSE TO HUMAN SERUM BY A RABBIT POPULATION. VARIATION IN RESPONSE OF NORMAL RABBITS TO A PRIMARY SERIES OF INJECTIONS.
AD-634 142 6E T 66 15 HC$ 1.00 MF$ 0.50

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WORLD HEALTH ORGANIZATION INTERNATIONAL REFERENCE CENTRE FOR ENTEROVIRUSES.
PB-170 678 6M U 41 15 HC$ 2.00 MF$ 0.50

IMMUNE SERUMS, LEUKOCYTES
STUDIES IN LEUKOCYTE TYPING.
PB-170 670 6E U 41 15 HC$ 1.00 MF$ 0.50

TESTING LEUKOCYTE ANTISERA ON LYMPHOCYTES OF KIDNEY TRANSPLANT PATIENTS AND DONORS, REDIRECTED TO: PRODUCTION OF GROUPED LEUKOCYTE TYPING SERA.
PB-170 671 6E U 41 15 HC$ 1.00 MF$ 0.50

IMMUNE SERUMS, PREPARATION
PREPARATION OF ANTIGENS AND ANTISERA FOR INFLUENZA VIRUS TYPES.
PB-170 679 6M U 41 15 HC$ 1.00 MF$ 0.50

PREPARATION OF MYCOPLASMA ANTIGENS AND ANTISERA.
PB-170 681 6M U 41 15 HC$ 1.00 MF$ 0.50

PREPARATION OF IMMUNE SERUM SERUM TO ENTEROVIRUSES.
PB-170 682 6M U 41 15 HC$ 2.00 MF$ 0.50

PRODUCTION OF BWAMBA VIRUS REAGENTS.
PB-170 683 6M U 41 15 HC$ 1.00 MF$ 0.50

IMMUNE SERUMS, VIRUSES
STANDARDIZATION OF PICORNAVIRUS IMMUNE SERA.
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PB-170 684 6M U 41 15 HC$ 1.00 MF$ 0.50

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REAL-TIME METEOROLOGICAL SYSTEM FOR SUPPORT OF UNGUIDED-ROCKET FIRINGS.
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A COMPARISON OF SOME MACHINE-PRODUCED INDEXES.
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NUCLEAR THEORY INDEX FOR 1964.
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THE ANALYSIS OF MEDICAL DOCUMENTS WITH A COMPARATIVE EVALUATION OF THREE INDEXING PROCEDURES.
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TID-7015 7- U 41 15 HC$ 1.75 MF$ 1.00

OAK RIDGE NATIONAL LABORATORY MASTER ANALYTICAL MANUAL. SUPPLEMENT 8.
TID-7015 (SUPPL. 8) 7-,U 41 15 HC$ 4.00 MF$ 1.50

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LATIN AMERICAN AND INDIAN POLITICAL ECONOMY COMPARED: SOME COMPARISONS DERIVED FROM K. B. GRIFFIN'S 'REFLECTIONS ON LATIN AMERICAN DEVELOPMENT.'
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RELAXATION PHENOMENA AT HIGH ELECTRIC FIELD ON THE SURFACES OF INDIUM ANTIMONIDE.
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PRODUCTION FUNCTIONS AND CAPITAL DEPRECIATION.
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PRODUCTION ENGINEERING MEASURE: MECHANIZATION FOR .4 WATT DIODES AND 2N560 2N1051 2N1072 2N1195 TRANSISTORS, PHASE I.
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AN APPRAISAL OF INPUT-OUTPUT ANALYSIS BASED ON A DOCUMENTATION OF THE INTERINDUSTRY RELATIONS STUDY FOR 1947.
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COMMUNITY ASSISTANCE TO EXISTING INDUSTRY, A STRATEGY AND FEASIBILITY STUDY.
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A STUDY OF FACTORS AFFECTING INDUSTRIAL GROWTH IN NORTHERN MIDDLESEX COUNTY AND ENVIRONS.
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FEASIBILITY STUDY OF AN INDUSTRIAL PARK DEVELOPMENT PROJECT IN WOONSOCKET, RHODE ISLAND.
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ANNUAL REPORT (1ST), JULY 1, 1964-JUNE 30,1965.
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NEUTRON FORM FACTORS FROM INELASTIC ELECTRON SCATTERING IN TRITIUM AND HELIUM - 3,
AD-634 756 20H T 66 15 HC$ 1.00 MF$ 0.50

INELASTIC SCATTERING, INSTRUMENTATION
COMPILATION OF RESOLUTIONS AND INTENSITIES OF SLOW NEUTRON, INELASTIC SCATTERING, TIME-OF-FLIGHT INSTRUMENTS,
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THE IMPACT OF ACUTE INFECTION ON METABOLISM IN HUMAN SUBJECTS,
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ISOLATION OF A LOW MOLECULAR WEIGHT SIALIDASE (NEURAMINIDASE) FROM INFLUENZA VIRUS,
AD-634 549 6A T 66 15

INFLUENZA VIRUS, IMMUNE SERUMS
PREPARATION OF ANTIGENS AND ANTISERA FOR INFLUENZA VIRUS TYPES.
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INVESTIGATION INTO THE RETRIEVAL INDEXING AND SEARCHING SYSTEM.
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AN INVESTIGATION OF THE TECHNIQUES AND CONCEPTS OF INFORMATION RETRIEVAL.
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RESEARCH PROJECT FOR THE EVALUATION OF THE UDC AS THE INDEXING LANGUAGE FOR A MECHANIZED REFERENCE RETRIEVAL SYSTEM.
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INFORMATION RETRIEVAL, DATA PROCESSING SYSTEMS
TECHNICAL INFORMATION, PLEASE,
PB-170 439 5B U 41 15 HC$ 1.10 MF$ 0.50

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SIMILARITY AND STABILITY OF TEXTUAL INTERESTS,
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PROBABILISTIC MODELS IN INFORMATION RETRIEVAL,
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SEARCHING THE MEDICAL LITERATURE: HISTORY OF A PILOT PROJECT IN MECHANIZED INFORMATION RETRIEVAL,
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INFORMATION CONTENT OF LIST-DETECTED FADING M-ARY TRANSMISSIONS.
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OPERATIONS RESEARCH IN THE DESIGN OF MANAGEMENT INFORMATION SYSTEMS.
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THRESHOLDS FOR SEVERAL ANALOG MODULATION SYSTEMS,
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INFORMATION SYSTEMS SUMMARIES,
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INFORMATION THEORY, SCIENTIFIC RESEARCH
SEMIANNUAL PROGRESS REPORT NO. 71.
AD-634 148 5A T 66 15 HC$ 3.00 MF$ 0.75

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INFRARED COATING STUDIES.
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INFRARED SPECTRA OF PLASTICS AND RESINS. PART 2 - MATERIALS DEVELOPED SINCE 1954,
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FOREIGN OBJECT INGESTION PREDICTION FOR ENGINE INLETS BY TRAJECTORY ANALYSIS IN A POTENTIAL FLOW FIELD.
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NITROGEN-PHOSPHOROUS POLYMERS.
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IMPROVED POLYSULFIDE POLYMERS.
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CURRENT REFERENCES IN MEDICAL ENTOMOLOGY FROM RUSSIAN, CENTRAL AND EASTERN EUROPEAN AND CHINESE LITERATURE. VOLUME V. NUMBER 4,
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INSTRUMENTATION, CALIBRATION, AND DATA REDUCTION METHODS.
AD-294 869 14B U 41 15 HC$ 4.00

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EXHIBITION OF CONTEMPORARY GEODETIC AND PHOTOGRAMMETRIC INSTRUMENTS,
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CURRENT DISTRIBUTION IN AN ARRAY OF SUPERCONDUCTING THIN FILMS,

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PRECISION INTEGRATOR FOR METEOROLOGICAL ECHOES (PRIME).
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FABRY-PEROT INTERFEROMETER IN THE MICROWAVE REGION OF THE SPECTRUM AND ITS USE FOR PLASMA DIAGNOSTICS.
AD-634 229 20I T 66 15 HC$ 1.00 MF$ 0.50

INTERIOR BALLISTICS, GAS FLOW
ACOUSTICAL AND VISUAL ATTENUATION THROUGH DYNAMIC REGULATION OF MUZZLE GAS FLOW.
AD-634 649 19D T 66 15 HC$ 1.00 MF$ 0.50

INTERMETALLIC COMPOUNDS, SEMICONDUCTORS
RELAXATION PHENOMENA AT HIGH ELECTRIC FIELD ON THE SURFACES OF INDIUM ANTIMONIDE.
AD-634 345 20L T 66 15 HC$ 1.00 MF$ 0.50

INTERNAL COMBUSTION ENGINES, FUELS
THE THEORY OF OPERATION OF AN AMMONIA BURNING INTERNAL COMBUSTION ENGINE.
AD-634 681 21D T 66 15 HC$ 1.00 MF$ 0.50

INTERNAL FRICTION, EARTH(PLANET
ANELASTIC PROPERTIES OF THE EARTH.
AD-634 286 8K T 66 15 HC$ 2.00 MF$ 0.50

INTERNAL FRICTION, QUARTZ
AN EXPERIMENTAL INVESTIGATION OF THE INTERNAL FRICTION OF SMALL DIAMETER QUARTZ STRANDS AT LOW FREQUENCIES.
AD-413 377 20K U 41 15 HC$ 2.60

INTESTINES, TRANSPLANTATION
THE REPLACEMENT OF LARGE VEINS WITH FREE INVERTED SEGMENTS OF SMALL BOWEL.
AD-634 623 6E T 66 15 HC$ 1.00 MF$ 0.50

INVENTORY CONTROL, OPTIMIZATION
OPTIMAL REPLACEMENT AND INSPECTION OF STOCHASTICALLY FAILING EQUIPMENT.
AD-634 198 15E T 66 15 HC$ 4.60 MF$ 0.50

ION EXCHANGE RESINS, WATER SUPPLIEDS
CLARIFICATION OF POTOMAC RIVER WATER WITH CATIONIC POLYELECTROLYTES.
AD-634 633 13B T 66 15 HC$ 1.00 MF$ 0.50

ION EXCHANGE, RARE EARTH ELEMENTS
A RAPID METHOD FOR THE CARRIER-FRE DETERMINATION OF INDIVIDUAL RARE EARTHS BY ION EXCHANGE AT ROOM TEMPERATURE.
AD-463 222 7E U 41 15 HC$ 1.60

IONIZATION CHAMBERS, ATMOSPHERIC SOUNDING
INSTRUMENTATION TO MEASURE THE RATE OF ION PRODUCTION IN THE UPPER ATMOSPHERE DURING AN AURORA.
AD-634 299 4A T 66 15 HC$ 3.00 MF$ 0.75

IONIZATION CHAMBERS, NUCLEAR REACTORS
PARALLEL-PLATE MULTISECTION IONIZATION CHAMBERS FOR HIGH-PERFORMANCE REACTORS.
ORNL-3929 18D N 20 12 HC$ 2.00 MF$ 0.50

IONIZATION POTENTIAL
THEORETICAL INVESTIGATION OF THE LOWEST FIVE IONIZATION POTENTIALS OF URANIUM.
N66-14582 18J U 41 15 HC$ 3.00 MF$ 0.75

IONIZATION TRAILS, SATELLITES(ARTIFICIAL)
EXISTENCE OF PLASMA CLOUDS AROUND SATELLITES.
AD-634 500 20I T 66 15 HC$16.50 MF$ 1.00

IONIZATION, MEASUREMENT
MESURE DE L'INTENSITE TOTALE D'IONISATION AU VOISINAGE DU SOL ET SEPARATION DES DIFFERENTES COMPOSANTES (MEASUREMENT OF THE TOTAL IONIZATION INTENSITY NEAR THE GROUND AND SEPARATION OF THE VARIOUS COMPONENTS).
PB-169 889 20H U 41 15 HC$ 5.60 MF$ 0.50

IONOSPHERE, ACOUSTICS
AIRCRAFT-INDUCED IONOSPHERIC DISTURBANCES.
AD-634 775 4A T 66 15 HC$ 2.00 MF$ 0.50

IONOSPHERE, ATMOSPHERIC SOUNDING
IONOSPHERIC RESEARCH.
AD-634 729 4A T 66 15 HC$ 3.00 MF$ 0.75

IONOSPHERIC PROPAGATION, ELECTROMAGNETIC WAVES
NEGATIVE ION DETECTION IN THE IONOSPHERE FROM EFFECTS ON ELF WAVES.
AD-634 358 4A T 66 15 HC$ 3.00 MF$ 0.50

IONOSPHERIC PROPAGATION, RADIO WAVES
MEASUREMENTS OF VLF WAVE-FRONT COMPONENTS OVER LONG PATHS.
AD-454 896 20N U 41 15 HC$32.10

IONS BEAMS, FOCUSING
NRDL 76-INCH CYCLOTRON EXTERNAL ION OPTICS SYSTEM.
AD-634 389 20I T 66 15 HC$ 1.00 MF$ 0.50

IONS, ALKALI METALS
STRUCTURE MAKERS AND BREAKERS IN WATER: PRESSURE-INDUCED CHANGES IN THE HYDRATION ATMOSPHERES OF IONS IN SOLUTION.
AD-449 831 7D U 41 15 HC$ 2.60

IONS, ATMOSPHERICS
NEGATIVE ION DETECTION IN THE IONOSPHERE FROM EFFECTS ON ELF WAVES.
AD-634 358 4A T 66 15 HC$ 3.00 MF$ 0.50

IONS, REACTION KINETICS
EFFECT OF TRANSLATIONAL ENERGY ON ION-MOLECULE REACTION RATES. II.
AD-634 708 7D T 66 15

IONS, VOLUME
ULTRASONIC VIBRATION POTENTIALS AND THEIR USE IN THE DETERMINATION OF IONIC PARTIAL MOLAL VOLUMES.
AD-634 576 7D T 66 15 HC$ 3.00 MF$ 0.50

IRON ALLOYS, COATINGS
TROPICAL EXPOSURE OF FINISHING SYSTEMS FOR FERROUS METALS.
AD-634 156 11C T 66 15 HC$ 2.00 MF$ 0.75

IRRADIATED FOODS, FATS
STUDY OF FACTORS INFLUENCING OXIDATION WHICH OCCUR IN IRRADIATED FATS. EFFECT OF HIGH ENERGY IRRADIATION ON THE STABILITY OF FATS.
PB-169 982 6H U 41 15 HC$ 1.10

IRRADIATED FOODS, FRUITS
EFFECTS OF LOW-LEVEL IRRADIATION UPON THE PRESERVATION OF FOOD PRODUCTS.
TID-22509 6H N 20 12 HC$ 3.00 MF$ 0.75

IRRADIATED FOODS, GAMMA RAYS
DOSIMETRY, TOLERANCE, AND SHELF LIFE EXTENSION RELATED TO DISINFESTATION OF FRUIT AND VEGETABLES BY GAMMA IRRADIATION.
UM-2355PS-1 18B U 41 15 HC$ 3.00 MF$ 0.75

ISOCYANATE PLASTICS, PROCESSING
A NEW DEVELOPMENT IN POLYURETHANE ELASTOMER PROCESSING WHICH REDUCES CRACK SUSCEPTIBILITY AND BUBBLE ENTRAPMENT.
BDX-613-70 11I U 41 15 HC$ 1.00 MF$ 0.50

ISOTOPE SEPARATION, PLUTONIUM
EVALUATION OF THE METHODS IN TID-7029, 'SELECTED MEASURMENT METHODS FOR PLUTONIUM AND URANIUM IN THE NUCLEAR FUEL CYCLE',
NBL-231 18B U 41 15 HC$ 4.00 MF$ 1.00

ISOTOPES, RESONANCE ABSORPTION
EFFECTIVE CROSS-SECTION FACTORS.
IDO-17107 20H N 20 13 HC$ 1.00 MF$ 0.50

JAVELIN ROCKET
THE DESIGN AND PERFORMANCE OF MODEL 2.041 QUADRALOOP TELEMETRY ANTENNAS FOR THE NASA JAVELIN, FLIGHT 12.03.
N66-14529 9F U 41 15 HC$ 3.00 MF$ 0.50

JET FLAPS, THRUST
THE EFFECT OF JET ENTRAINMENT ON LOSS OF THRUST FOR A TWO-DIMENSIONAL SYMMETRICAL JET-FLAP AEROFOIL.
AD-634 373 20D T 66 15

JET MIXING FLOW, EXPERIMENTAL DATA
AN EXPERIMENTAL INVESTIGATION OF THREE-DIMENSIONAL FREE MIXING IN INCOMPRESSIBLE, TURBULENT, FREE JETS.
AD-634 254 20D T 66 15 HC$ 3.00 MF$ 0.75

JET MIXING FLOW, FUELS
MIXING AND COMBUSTION OF A SUPERSONIC FUEL JET AND A SUBSONIC, COAXIAL GAS STREAM.
AD-469 852 21B U 41 15 HC$ 5.60 MF$ 0.50

JET MIXING FLOW, TURBULENCE
COMPARISON OF CLOSURE APPROXIMATION THEORIES IN TURBULENT MIXING.
AD-634 713 20D T 66 15

JET MIXING FLOW, VELOCITY
THE EFFECT OF UPSTREAM VELOCITY PROFILE ON THE FREE MIXING OF JETS WITH AMBIENT FLUID.
AD-634 261 20D T 66 15 HC$ 2.00 MF$ 0.50

JET STREAMS(METEOROLOGY), CLIMATOLOGY
TECHNIQUES FOR DETERMINING A WORLD-WIDE CLIMATOLOGY OF TURBULENCE THROUGH USE OF METEOROLOGICAL DATA.
AD-634 154 4B T 66 15 HC$ 3.00 MF$ 0.75

JETS, DEFLECTION
AN EXPLORATORY INVESTIGATION INTO THE DEFLECTION OF THICK JETS BY THE COANDA EFFECT.
PB-169 457 20D U 41 15 HC$ 2.60 MF$ 0.50

JOB ANALYSIS, PROFESSIONAL PERSONNEL
MEN, MACHINES AND THE SOFTWARE MIDDLEMAN.
AD-634 213 5H T 66 15 HC$ 1.00 MF$ 0.50

JOINING, TITANIUM
MECHANICAL FASTENING OF TITANIUM AND ITS ALLOYS.
AD-634 532 13H T 66 15 HC$ 3.00 MF$ 0.75

JOINTS, NICKEL ALLOYS
MECHANICAL FASTENING OF NICKEL-BASE ALLOYS.
AD-634 260 13H T 66 15 HC$ 3.00 MF$ 0.75

JUNGLES, ARMY PERSONNEL
HUMAN FACTORS ASPECTS OF THE QM-EQUIPPED SOLDIER IN JUNGLE OPERATIONS: AN OPERATIONAL APPROACH.
AD-634 720 15E T 66 15 HC$ 3.00 MF$ 0.75

K MESONS, DECAY SCHEMES
OBSERVATION OF INTERFERENCE BETWEEN POSITIVE-PION NEGATIVE-PION AMPLITUDES FROM K-L DECAY AND COHERENT REGENERATION.
AD-634 496 20H T 66 15 HC$ 3.00 MF$ 0.75

OBSERVATION OF THE TWO-PHOTON DECAY OF THE NEUTRAL-K2 MESON.
AD-634 721 20H T 66 15 HC$ 1.00 MF$ 0.50

K MESONS, MESON REACTIONS
ON THE OFF-DIAGONAL MASS MATRIX ELEMENT OF THE NEUTRAL K SYSTEM.
AD-634 703 20J T 66 15 HC$ 1.00 MF$ 0.50

KENTUCKY, ECONOMICS
OVERALL ECONOMIC DEVELOPMENT PROGRAM EAST LAKE CUMBERLAND PROGRAM EVALUATION AND RECOMMENDATIONS FOR ACTION.
PB-170 254 5C U 41 15 HC$ 2.00 MF$ 0.50

ORGANIZATIONAL AND PROCEDURAL OUTLINE FOR OVERALL ECONOMIC DEVELOPMENT PROGRAM AREAS.
PB-170 255 5C U 41 15 HC$ 2.00 MF$ 0.50

OVERALL ECONOMIC DEVELOPMENT PROGRAM NORTHEASTERN KENTUCKY COUNTIES PROGRAM EVALUATION AND RECOMMENDATIONS FOR ACTION.
PB-170 256 5C U 41 15 HC$ 2.00 MF$ 0.50

OVERALL ECONOMICDEVELOPMENT PROGRAM: UPPER KENTUCKY RIVER VALLEY: PROGRAM EVALUATION AND RECOMMENDATIONS FOR ACTION.
PB-170 257 5C U 41 15 HC$ 2.00 MF$ 0.50

REGION I -- AGRICULTURE: ECONOMIC ANALYSIS OF A SELECTED AREA IN EASTERN KENTUCKY.
PB-170 260 5C U 41 15 HC$ 4.00 MF$ 0.75

OVERALL ECONOMIC DEVELOPMENT PROGRAM MIDDLE KENTUCKY RIVER VALLEY PROGRAM EVALUATION AND RECOMMENDATIONS FOR ACTION.
PB-170 278 5C U 41 15 HC$ 2.00 MF$ 0.50

KETONES, MOLECULAR ASSOCIATION
COHESIVE ENERGIES IN ORGANIC LIQUIDS,
AD-634 625 7D T 66 15 HC$ 1.00 MF$ 0.50

KETONES, SYNTHESIS(CHEMISTRY)
THE PREPARATION OF DIARYLCYCLOPROPENONES BY THE REACTION OF PHENYLMERCURY WITH DIARYLACETYLENES,
AD-634 581 7C T 66 15

KIDNEYS, ARTERIES
INTRARENAL HEMODYNAMIC CHANGES FOLLOWING ACUTE PARTIAL RENAL ARTERIAL OCCLUSION,
PB-169 871 6P U 41 15 HC$ 1.10 MF$ 0.50

KINETIC THEORY, EQUATIONS
ON THE VALIDITY OF THE DENSITY EXPANSION SOLUTION OF THE BBGKY EQUATIONS,
PB-169 910 7D U 41 15 HC$ 1.10 MF$ 0.50

KINETIC THEORY, PLASMA MEDIUM
A KINETIC THEORETICAL INVESTIGATION OF A FULLY IONIZED GAS. PART I. PARADOXES IN THE B-B-G-K-Y HIERARCHY.
AD-460 839 20I U 41 15 HC$ 6.60

A KINETIC THEORETICAL INVESTIGATION OF A FULLY IONIZED GAS. PART II. SOME ASPECTS OF MULTIPLE COLLISIONS,
AD-464 742 20I U 41 15 HC$ 7.60

KLYSTRONS, PHASE SHIFTERS
INVESTIGATIONS OF LINEAR BEAM AND NEW CONCEPTS OF MICROWAVE POWER GENERATION.
AD-634 129 9A T 66 15 HC$ 5.00 MF$ 1.00

AD-634 130 9A T 66 15 HC$ 6.00 MF$ 1.50

KLYSTRONS, PROGRAMMING(COMPUTERS)
A MULTI-CAVITY KLYSTRON COMPUTER PROGRAM INCLUDING POTENTIAL DEPRESSION CORRECTION,
AD-420 687 9B U 41 15 HC$ 3.60

KRYPTON, RADIOACTIVE ISOTOPES
DEVELOPMENT OF 85 KR AS A UNIVERSAL TRACER. EXTENSION OF PHASE III. AREAS OF APPLICATION.
NYO-2757-5 18B U 41 15 HC$ 3.00 MF$ 0.75

LABELED SUBSTANCES, SPECTROSCOPY
SPECTROGRAPHIC DETECTION OF TRACE ELEMENTS IN ALUMINUM METAL,
Y-1532 18B N 20 13 HC$ 1.00 MF$ 0.50

LAKE WAVES, GREAT LAKES
MODIFICATION OF NEARSHORE CURRENTS BY COASTAL STRUCTURES,
AD-634 637 8H T 66 15 HC$ 1.00 MF$ 0.50

LAMINAR FLOW, VELOCITY
LONGITUDINAL LAMINAR FLOW OF AN INCOMPRESSIBLE FLUID IN FINITE TUBE BUNDLES WITH N + 1 TUBES,
LA-3418 18I U 41 15 HC$ 3.00 MF$ 0.75

LANDING FIELDS, PAVEMENTS
BASIS OF RIGID PAVEMENT DESIGN FOR MILITARY AIRFIELDS,
AD-634 614 1E T 66 15 HC$ 3.00 MF$ 0.75

LANGMUIR PROBES, PLASMA MEDIUM
THEORY OF SPHERICAL AND CYLINDRICAL LANGMUIR PROBES IN A COLLISIONLESS, MAXWELLIAN PLASMA AT REST,
AD-634 596 20I T 66 15 HC$ 6.00 MF$ 1.25

LANGUAGE, SYNTAX
LOCI OF AGREEMENT AND GOVERNMENT STRUCTURES IN SLAVIC,
PB-169 694 5G U 41 15 HC$ 1.60 MF$ 0.50

LASERS, ATOMIC ENERGY LEVELS
CONSIDERATION OF THE SPLITTING OF THE METASTABLE LEVEL OF A THREE-LEVEL QUANTUM GENERATOR,
AD-634 231 20E T 66 15 HC$ 1.00 MF$ 0.50

LASERS, DIODES(SEMICONDUCTOR)
SEMICONDUCTOR LIGHT SOURCES,
AD-470 376 20E U 41 15 HC$ 3.60 MF$ 0.50

LASERS, ELECTROMAGNETIC WAVES
HIGH INTENSITY LASER PROPAGATION IN THE ATMOSPHERE.
AD-634 316 20E T 66 15 HC$ 2.00 MF$ 0.50

LASERS, FOCUSING
A BALLISTIC PENDULUM FOR THE MEASUREMENT OF IMPULSE PRODUCED ON A TARGET MATERIAL BY A FOCUSED LASER BEAM,
PB-169 449 20E U 41 15 HC$ 2.00 MF$ 0.50

LASERS, GAS IONIZATION
DETECTION OF THE RAPID HALATION OF PHOTOIONIZATION AND THE CLOUD OF CONCENTRATED LONG-LIFE IONIZATION RESULTING FROM THE SHOCK WAVE OF A SPARK IN A LASER BEAM,
AD-634 161 20E T 66 15 HC$ 1.00 MF$ 0.50

LASERS, LINE SPECTRUM
INVESTIGATION OF EXCHANGE EFFECTS IN RUBY BY LINE SHAPE COMPARISONS,
AD-634 688 20E T 66 15 HC$ 1.00 MF$ 0.50

LASERS, MATERIALS
PREPARATION AND PROPERTIES OF POTENTIAL GREEN LASER MATERIALS CONTAINING HEXAVALENT URANIUM,
AD-470 360 20E U 41 15 HC$ 4.60 MF$ 0.50

LASERS, NUCLEAR ENERGY
NUCLEAR ENERGY DRIVEN LASER SYSTEMS.
AD-455 571 20E U 41 15 HC$ 5.60

LASERS, PUMPING(ELECTRONICS)
HIGH-CURRENT PULSE GENERATOR FOR GALLIUM ARSENIDE LASER,
AD-634 507 20E T 66 15 HC$ 1.00 MF$ 0.50

LASERS, PUMPING(OPTICAL)
DISTRIBUTION OF PUMPING RADIATION DENSITY IN A TRIHEDRAL ROD,
AD-634 245 20E T 66 15 HC$ 1.00 MF$ 0.50

CHEMICAL LASER PUMP,
AD-634 655 20E T 66 15 HC$ 1.00 MF$ 0.50

LASERS, RESONATORS
THEORY OF A CIRCULAR DIELECTRIC RESONATOR. II,
AD-634 246 20E T 66 15 HC$ 1.00 MF$ 0.50

THE RADIATION POWER OF GAS OPTICAL QUANTUM GENERATORS (LASERS) WITH PLANE MIRRORS AS A FUNCTION OF THE MIRROR MISALIGNMENT ANGLE,
AD-634 247 20E T 66 15 HC$ 1.00 MF$ 0.50

THEORY OF A CIRCULAR DIELECTRIC RESONATOR. I,
AD-634 248 20E T 66 15 HC$ 1.00 MF$ 0.50

LASERS, SURGICAL TECHNIQUES
A LASER DEVICE FOR USE IN CLINICAL TREATMENT OF MALIGNANT TUMORS,
AD-634 670 6E T 66 15 HC$ 1.00 MF$ 0.50

LASERS, SYMMETRY(CRYSTALLOGRAPHY)
SYMMETRICAL LASER CRYSTALS.
AD-442 555 20E U 41 15 HC$ 3.60

LATIN AMERICA, ECONOMICS
PROBLEMS IN EVALUATING LATIN AMERICAN DEVELOPMENT,
AD-634 376 5C T 66 15 HC$ 1.00 MF$ 0.50

LATIN AMERICA, POLITICAL SCIENCE
LATIN AMERICAN AND INDIAN POLITICAL ECONOMY COMPARED: SOME COMPARISONS DERIVED FROM K. B. GRIFFIN'S 'REFLECTIONS ON LATIN AMERICAN DEVELOPMENT,'
AD-634 244 5D T 66 15 HC$ 1.00 MF$ 0.50

LAUNCH VEHICLES(AEROSPACE), ATTITUDE CONTROL SYSTEMS
A STUDY OF AN ATTITUDE CONTROL SYSTEM FOR THE BLACK ARROW LAUNCHING VEHICLE.
AD-634 207 22D T 66 15 HC$ 3.00 MF$ 0.75

LAUNCH VEHICLES(AEROSPACE), GREAT BRITAIN
SPACE PROJECTS IN THE UNITED KINGDOM.
AD-634 570 22D T 66 15 HC$ 2.00 MF$ 0.50

LEADERSHIP, MILITARY PSYCHOLOGY
A PROGRAM OF LEADERSHIP INSTRUCTION FOR JUNIOR OFFICERS.
AD-489 096 5I U 41 15 HC$ 5.60

LEAD, VAPOR PRESSURE
VAPOR PRESSURE OF LEAD AND ACTIVITY MEASUREMENTS ON LIQUID LEAD-TIN ALLOYS BY THE TORSION EFFUSION METHOD.
UCRL-16514 7D U 41 15 HC$ 2.00 MF$ 0.50

LEARNING MACHINES, MEMORY
UTILIZATION OF MEMORY IN CONCEPT LEARNING SYSTEMS,
AD-634 483 6D T 66 15 HC$ 2.00 MF$ 0.50

LEARNING MACHINES, PATTERN RECOGNITION
APPLICATIONS OF A METHOD OF PATTERN RECOGNITION TO BIOMEDICAL PROBLEMS,

PB-170 494 6D U 41 15 HC$ 1.10 MF$ 0.50

LEARNING, PROGRAMMED INSTRUCTION
NON-PROGRAM VARIABLES IN THE APPLICATION OF PROGRAMMED INSTRUCTION.
PB-169 842 5I U 41 15 HC$ 2.00 MF$ 0.50

LEARNING, SPACE PERCEPTION
EFFECT OF LEARNING ON THE VISUAL PERCEPTION OF DEPTH.
AD-634 542 5J T 66 15 HC$ 2.00 MF$ 0.50

LEUKOCYTES, IMMUNE SERUMS
STUDIES IN LEUKOCYTE TYPING.
PB-170 670 6E U 41 15 HC$ 1.00 MF$ 0.50

TESTING LEUKOCYTE ANTISERA ON LYMPHOCYTES OF KIDNEY TRANSPLANT PATIENTS AND DONORS, REDIRECTED TO: PRODUCTION OF GROUPED LEUKOCYTE TYPING SERA.
PB-170 671 6E U 41 15 HC$ 1.00 MF$ 0.50

LIBRARIES, NAVY
STUDY OF BUSHIPS LIBRARY CATALOG SYSTEMS AND THE INSTALLATION OF A KROS-TERM SYSTEM FOR INFORMATION STORAGE AND RETRIEVAL.
AD-634 540 5B T 66 15 HC$21.20 MF$ 1.25

LIFE SUPPORT, RADIOACTIVE ISOTOPES
APPLICATION OF RADIOISOTOPES TO MANNED SPACECRAFT LIFE-SUPPORT SYSTEMS. VOLUME I. TECHNICAL. VOLUME II. APPENDIXES.
SAN-575-12 6K N 20 12 HC$ 7.38 MF$ 2.00

LIFE SUPPORT, WATER SUPPLIES
EFFECTS OF ORAL ADMINISTRATION OF A FUEL CELL PRODUCT WATER TO MACACA MULATTA.
AD-634 315 6K T 66 15 HC$ 1.00 MF$ 0.50

LIGHTING EQUIPMENT, NAVIGATION AIDS
OBSTRUCTION LIGHT SYSTEM.
AD-634 362 17G T 66 15 HC$ 6.00 MF$ 1.25

LINE SPECTRUM, ELECTRON TRANSITIONS
ATOMIC TRANSITION PROBABILITIES. VOLUME I. HYDROGEN THROUGH NEON.
AD-634 145 7D T 66 15 MF$ 1.00

LINEAR ACCELERATORS, PARTICLE BEAMS
PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON MAGNET TECHNOLOGY, STANFORD LINEAR ACCELERATOR CENTER, STANFORD UNIVERSITY, STANFORD, CALIFORNIA, SEPTEMBER 8-10, 1965.
CONF-650922 20G U 41 15 HC$ 8.50 MF$ 3.50

MAGNETIC FIELD MEASUREMENT AND SPECTROSCOPY IN MULTIPOLE FIELDS.
SLAC-39 20G U 41 15 HC$ 3.00 MF$ 0.75

LINEAR ACCELERATORS, PROTONS
QUARTERLY STATUS REPORT ON THE MEDIUM-ENERGY PHYSICS PROGRAM FOR PERIOD ENDING JANUARY 31, 1966.
LA-3479 18D U 41 15 HC$ 3.00 MF$ 0.75

LINEAR PROGRAMMING, TRANSPORTATION
SIMULATION, OPTIMIZATION AND EVALUATION OF SYSTEMS OF TRAFFIC NETWORKS.
AD-634 239 12B T 66 15 HC$ 2.00 MF$ 0.50

LIQUEFIED GASES, NUCLEATE BOILING
THE INCEPTION OF NUCLEATE BOILING WITH LIQUID NITROGEN.
AD-634 256 20M T 66 15 HC$ 3.00 MF$ 0.75

LIQUID METAL COOLED REACTORS, REACTOR FUELS
REACTOR DEVELOPMENT PROGRAM REPORT, JANUARY 1966.
ANL-7152 18D U 41 15 HC$ 4.00 MF$ 0.75

LIQUID METALS, DROPS
THE COMBUSTION AND EXPLOSION OF ZIRCONIUM DROPLETS IGNITED BY FLASH HEATING.
SC-RR-65-569 7D U 41 15 HC$ 3.00 MF$ 0.75

LIQUID METALS, REACTOR FUELS
QUARTERLY STATUS REPORT ON ADVANCED REACTOR TECHNOLOGY (ART) FOR PERIOD ENDING JANUARY 31, 1966.
LA-3482 18I U 41 15 HC$ 3.00 MF$ 0.75

LIQUID METALS, TORSION
VAPOR PRESSURE OF LEAD AND ACTIVITY MEASUREMENTS ON LIQUID LEAD-TIN ALLOYS BY THE TORSION EFFUSION METHOD.
UCRL-16514 7D U 41 15 HC$ 2.00 MF$ 0.50

LIQUID ROCKET OXIDIZERS, REACTION KINETICS
THE HOMOGENEOUS GAS PHASE KINETICS OF REACTIONS IN THE HYDRAZINE-NITROGEN TETROXIDE PROPELLANT SYSTEM.
AD-634 277 21I T 66 15 HC$ 7.00 MF$ 1.25

AD-634 277 21I T 66 15 HC$ 7.00 MF$ 1.25

LIQUID ROCKET PROPELLANTS, REACTION KINETICS
THE HOMOGENEOUS GAS PHASE KINETICS OF REACTIONS IN THE HYDRAZINE-NITROGEN TETROXIDE PROPELLANT SYSTEM.
AD-634 277 21I T 66 15 HC$ 7.00 MF$ 1.25

LIQUIDS, MOLECULAR ASSOCIATION
COHESIVE ENERGIES IN ORGANIC LIQUIDS.
AD-634 625 7D T 66 15 HC$ 1.00 MF$ 0.50

LITHIUM COMPOUNDS, FLUORIDES
DISSOLUTION SPIRALS ON GAMMA-IRRADIATED LITHIUM FLUORIDE.
AD-634 746 20B T 66 15 HC$ 1.00 MF$ 0.50

LITHIUM COMPOUNDS, HYDRIDES
DIFFERENT ORBITALS FOR DIFFERENT SPINS. SOME RESULTS FOR THE LIH MOLECULE.
AD-634 724 7D T 66 15 HC$ 2.00 MF$ 0.50

LOADING(MECHANICS), DYNAMICS
DYNAMIC LOADING RESEARCH FOR TRANSIENT LOAD APPLICATIONS.
AD-634 666 20K T 66 15 HC$ 1.00 MF$ 0.50

LOADING(MECHANICS), HELICOPTERS
UH-1B HELICOPTER FLIGHT LOADS INVESTIGATION PROGRAM.
AD-634 502 1C T 66 15 HC$ 4.00 MF$ 0.75

LOADING(MECHANICS), SHIP STRUCTURAL COMPONENTS
SMALL SCALE GRILLAGE TESTS.
AD-634 227 13J T 66 15 HC$ 2.00 MF$ 0.50

LOADING(MECHANICS), STRUCTURAL PARTS
BEHAVIOR AND MAXIMUM STRENGTH OF METAL COLUMNS.
AD-634 495 13M T 66 15 HC$ 3.00 MF$ 0.75

LOADING(MECHANICS), STRUCTURAL SHELLS
SHORT CYLINDER ANALYSIS.
NAA-SR-MEMO-10293 20K U 41 15 HC$ 3.00 MF$ 1.00

LOGISTICS, REPRODUCTION
MODERNIZATION OF REPRODUCTION TRAINS.
AD-634 184 14E T 66 15 HC$ 2.00 MF$ 0.50

LUBRICANT ADDITIVES, POLYMERS
FRICTION STUDIES OF POLYMER SOLUTIONS.
AD-634 682 11H T 66 15 HC$ 1.00 MF$ 0.50

LUBRICANTS, COMPOSITE MATERIALS
TECHNOLOGY OF MANUFACTURE AND PROPERTIES OF ANTIFRICTION MATERIALS CONTAINING FLUOROPLASTICS: (BASIC PRINCIPLES OF PRODUCTION).
AD-634 308 11H T 66 15 HC$ 3.00 MF$ 0.75

LUBRICATION, BEARINGS
SELF-LUBRICATING BEARING MATERIALS.
PB-169 903 11H U 41 15 HC$ 3.60 MF$ 0.50

LUNAR CRAFT, LANDINGS
MINIMUM FUEL TRAJECTORIES WITH SOFT LANDINGS.
AD-447 904 22C U 41 15 HC$ 5.60

LUNAR LANDING MODULE
APPLICATION OF DIGITAL COMPUTER TECHNIQUES TO THE STUDY OF THE IMPACT DYNAMICS OF LUNAR-LANDING VEHICLES.
N66-15238 22B U 41 15 HC$ 1.00 MF$ 0.50

LUNAR ROVING VEHICLE(LRV)
SURVEYOR LUNAR ROVING VEHICLE, PHASE I. VOLUME III - PRELIMINARY DESIGN AND SYSTEM DESCRIPTION. BOOK 2 - VALIDATION OF PRELIMINARY DESIGN, SECTIONS 7-13.
N66-14553 22D U 41 15 HC$ 7.93 MF$ 2.50

LUNAR TRAJECTORIES, MATHEMATICAL ANALYSIS
MINIMUM FUEL TRAJECTORIES WITH SOFT LANDINGS.
AD-447 904 22C U 41 15 HC$ 5.60

LYMPHOCYTES, TRANSPLANTATION
DEVELOPMENT OF THE IN-VITRO LYMPHOCYTE-LYMPHOCYTE INTERACTION AS A TEST FOR HISTOCOMPATIBILITY.
PB-170 669 6E U 41 15 HC$ 1.00 MF$ 0.50

MACHINE TRANSLATION, DESIGN
RESEARCH STUDY OF LOGIC DESIGN TRANSLATOR TECHNIQUES.
AD-634 508 5G T 66 15 HC$ 6.00 MF$ 1.25

MACHINE TRANSLATION, GRAMMAR
THE TRANSLATOR AS A BLACK BOX.
PB-170 420 5G U 41 15 HC$ 1.10 MF$ 0.50

MACHINE TRANSLATION, PROGRAMMING(COMPUTERS)
GEORGETOWN AUTOMATIC TRANSLATION. GENERAL INFORMATION AND OPERATION MANUAL.
PB-169 626 5G U 41 15 HC$ 6.60 MF$ 0.75

MAGNETIC CORE STORAGE, COMPUTER LOGIC
STATUS REPORT ON MAGNETICS TECHNOLOGY IN ADVANCED DATA SYSTEMS.
SC-RR-65-502 9B U 41 15 HC$ 5.00 MF$ 1.00

MAGNETIC FIELDS, COMPUTER STORAGE DEVICES
MAGNETIC FIELD STORAGE CODES AND ORBIT CALCULATIONS.
ORNL-TM-1172 9B U 41 15 HC$ 1.00 MF$ 0.50

MAGNETIC FIELDS, MEASURING DEVICES(ELECTRICAL + ELECTRONIC)
2-METER SPARK CHAMBER MAGNET MODEL FOR THE DETERMINATION OF FIELD DISTRIBUTION IN SPACE.
SLAC-57 20G U 41 15 HC$ 3.00 MF$ 0.75

MAGNETIC FIELDS, MUONS
A MEASUREMENT OF THE ANOMALOUS GYROMAGNETIC RATIO OF THE MUON.
UCRL-16469 20H N 20 12 HC$ 6.00 MF$ 0.75

MAGNETIC RECORDING SYSTEMS, DIGITAL RECORDING SYSTEMS
HIGH DENSITY DIGITAL RECORDING SYSTEM.
PB-169 697 9B U 41 15 HC$ 1.60 MF$ 0.50

MAGNETIC RECORDING SYSTEMS, RADAR SIGNALS
RADAR-SIGNALS CONVERTER.
AD-634 742 17I T 66 15 HC$ 1.00 MF$ 0.50

MAGNETIC TAPE, INSTRUMENTATION
DISCLOSURES ON MAGNETIC TAPE HANDLER, FOCUS DETECTOR, MULTI-PEN RECORDER, SIGNAL AVERAGING FILTER, ELECTROSTATIC RMS VOLTMETER, BACK-UP RING FOR O-RINGS, AND LOW TEMPERATURE SOLID STATE THERMOMETER.
NBS-TN-287 14B U 41 15 HC$ 0.25 MF$ 0.50

MAGNETOHYDRODYNAMIC GENERATORS, TESTS
RESEARCH PROGRAM ON CLOSED-CYCLE MAGNETOPLASMADYNAMIC ELECTRICAL POWER GENERATION WITH NON-EQUILIBRIUM IONIZATION.
AD-418 281 10A U 41 15 HC$ 1.10

MAGNETOHYDRODYNAMICS, ATMOSPHERICS
HYDROMAGNETIC EMISSIONS AT THE GEOMAGNETIC POLES,
AD-634 262 4A T 66 15 HC$ 1.00 MF$ 0.50

MAGNETOHYDRODYNAMICS, PLASMA ACCELERATORS
MAGNETOHYDRODYNAMIC PROPULSION,
AD-634 253 20I T 66 15 HC$ 2.00 MF$ 0.50

MAGNETOHYDRODYNAMICS, THEORY
A CRITICAL SURVEY OF MAGNETOFLUID DYNAMICS.PART IV. MODERN ASPECTS OF MAGNETOFLUID DYNAMICS (TENSOR ELECTRICAL CONDUCTIVITY AND MULTIFLUID THEORY).
AD-634 521 20I T 66 15 HC$ 3.00 MF$ 0.75

MAGNETOSTRICTIVE ELEMENTS, TRANSDUCERS
EVALUATION OF LOW-FREQUENCY, BROAD-BAND, FREE-FLOODING MAGNETOSTRICTIVE SCROLL TRANSDUCERS.
AD-634 249 17A T 66 15 HC$ 1.00 MF$ 0.50

MAGNETO-OPTIC EFFECT, ATMOSPHERIC SOUNDING
IONOSPHERIC RESEARCH.
AD-634 729 4A T 66 15 HC$ 3.00 MF$ 0.75

MAGNETS, HARMONIC ANALYSIS
MAGNETIC CHARACTERISTICS OF THE ACCELERATOR QUADRUPOLE TRIPLETS,
SLAC-55 20G U 41 15 HC$ 2.00 MF$ 0.50

MAGNETS, SYMPOSIA
PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON MAGNET TECHNOLOGY, STANFORD LINEAR ACCELERATOR CENTER, STANFORD UNIVERSITY, STANFORD, CALIFORNIA, SEPTEMBER 8-10, 1965,
CONF-650922 20G U 41 15 HC$ 8.50 MF$ 3.50

MAINTENANCE PERSONNEL, MAN-MACHINE SYSTEMS
MEN, MACHINES AND THE SOFTWARE MIDDLEMAN,
AD-634 213 5H T 66 15 HC$ 1.00 MF$ 0.50

MAINTENANCE PERSONNEL, TANKS(COMBAT VEHICLES)
THE DEVELOPMENT OF PERFORMANCE CRITERIA FOR TURRET MECHANICS.
AD-477 647 5I U 41 15 HC$ 2.60 MF$ 0.50

MAINTENANCE, HANDBOOKS
SHEET METAL, STRUCTURAL IRON AND WELDING FORMULAS. ENGINEERED PERFORMANCE STANDARDS PUBLIC WORKS MAINTENANCE.
PB-168 982 13H U 41 15 HC$ 1.00 MF$ 1.00

MAINTENANCE, HANDWORKS
SHEET METAL, STRUCTURAL IRON AND WELDING HANDBOOK. ENGINEERED PERFORMANCE STANDARDS PUBLIC WORKS MAINTENANCE.
PB-168 981 13H U 41 15 HC$ 4.00 MF$ 1.00

MANAGEMENT ENGINEERING, COMPUTERS
AN EVALUATION OF COMMERCIAL TIME SHARING SYSTEMS.
AD-634 325 9B T 66 15 HC$ 3.00 MF$ 0.75

MANAGEMENT ENGINEERING, DOCUMENTATION
MINUTES OF ANNUAL MEETING (8TH) HELD AT THE DAYTONA PLAZA HOTEL, DAYTONA BEACH, FLORIDA, APRIL 27 THROUGH APRIL 29, 1966.
AD-634 400 5A T 66 15 HC$ 7.55 MF$ 2.00

MANAGEMENT ENGINEERING, OPERATIONS RESEARCH
OPERATIONS RESEARCH IN THE DESIGN OF MANAGEMENT INFORMATION SYSTEMS.
AD-634 310 5A T 66 15 HC$ 2.00 MF$ 0.50

MANAGEMENT ENGINEERING, SCHEDULING
A TECHNIQUE OF RESOURCE ALLOCATION FOR USE WITH THE CRITICAL PATH METHOD,
PB-169 850 5A U 41 15 HC$ 3.00 MF$ 0.75

MANAGEMENT PLANNING, ARMED FORCES BUDGETS
THE ROLE OF THE MILITARY COMPTROLLER IN DEFENSE MANAGEMENT,
AD-634 196 5A T 66 15 HC$ 1.60 MF$ 0.50

MANAGEMENT PLANNING, DATA PROCESSING SYSTEMS
THE FUTURE OF DATA PROCESSING IN STATE GOVERNMENT,
AD-634 333 5A T 66 15 HC$ 1.60 MF$ 0.50

MANAGEMENT PLANNING, DECISION MAKING
DECISION NETWORKS.
AD-457 925 5A U 41 15 HC$ 8.60

MANAGEMENT PLANNING, ECONOMICS
ECONOMIC PLANNING AND THE COST OF THINKING,
AD-634 448 5C T 66 15 HC$ 1.00 MF$ 0.50

ORGANIZATIONAL AND PROCEDURAL OUTLINE FOR OVERALL ECONOMIC DEVELOPMENT PROGRAM AREAS.
PB-170 255 5C U 41 15 HC$ 2.00 MF$ 0.50

MANAGEMENT PLANNING, INFORMATION RETRIEVAL
AESOP: A GENERAL PURPOSE APPROACH TO REAL-TIME, DIRECT ACCESS MANAGEMENT INFORMATION SYSTEMS,
AD-634 371 9B T 66 15 HC$ 2.00 MF$ 0.50

MANNED SPACECRAFT, LIFE SUPPORT
APPLICATION OF RADIOISOTOPES TO MANNED SPACECRAFT LIFE-SUPPORT SYSTEMS. VOLUME I. TECHNICAL. VOLUME II. APPENDIXES.
SAN-575-12 6K N 20 12 HC$ 7.38 MF$ 2.00

MANUAL
SIMULATION OF SELECTED DISCRETE NETWORKS. VOLUME TWO. USER REFERENCE GUIDE DISCRETE NETWORK SIMULATION PROGRAMS.
N66-14581 9B U 41 15 HC$ 3.00 MF$ 0.75

MAN-MACHINE SYSTEMS, ERRORS
AUTOMATIC CORRECTION OF ERRORS IN TEXT,
PB-170 419 5B U 41 15 HC$ 1.10 MF$ 0.50

MAN-MACHINE SYSTEMS, MAINTENANCE PERSONNEL
MEN, MACHINES AND THE SOFTWARE MIDDLEMAN,
AD-634 213 5H T 66 15 HC$ 1.00 MF$ 0.50

MAN-MACHINE SYSTEMS, VOICE COMMUNICATION SYSTEMS
WORD-RECOGNITION COMPUTER PROGRAM.
AD-634 304 9B T 66 15 HC$ 1.00 MF$ 0.50

MAPPING(TRANSFORMATIONS), DYNAMIC PROGRAMMING
CONTRACTION MAPPINGS IN THE THEORY UNDERLYING DYNAMIC PROGRAMMING,
AD-634 348 12B T 66 15 HC$ 2.00 MF$ 0.50

MARYLAND, ECONOMICS
TOURIST AND RECREATION POTENTIAL: SOUTHERN MARYLAND (CALVERT, CHARLES AND ST. MARY'S COUNTIES,
PB-170 231 5C U 41 15 HC$ 3.00 MF$ 0.75

MASERS, RESONATORS
THEORY OF A CIRCULAR DIELECTRIC RESONATOR. II,
AD-634 246 20E T 66 15 HC$ 1.00 MF$ 0.50

THEORY OF A CIRCULAR DIELECTRIC RESONATOR. I,
AD-634 248 20E T 66 15 HC$ 1.00 MF$ 0.50

MASS SPECTROMETER
STUDIES OF THE STRUCTURE OF THE IONOSPHERE.
N66-16077 4A U 41 15 HC$ 3.00 MF$ 0.75

MASS SPECTROSCOPY, COMBUSTION
A STUDY OF COMBUSTION CATALYSIS AND PROPELLANT DECOMPOSITION BY MASS SPECTROMETRY,
AD-468 333 21B U 41 15 HC$ 2.60 MF$ 0.50

MASS SPECTROSCOPY, ELECTRON GUNS
ELECTRON GUN PERFORMANCE USING A MODIFIED APPEARANCE POTENTIAL TECHNIQUE.
AD-634 430 14B T 66 15 HC$ 1.00 MF$ 0.50

MASS SPECTROSCOPY, SPECTRUM ANALYZERS
A NEW TYPE OF LOW-RESOLUTION MASS SPECTROMETER,
AD-634 235 14B T 66 15 HC$ 2.00 MF$ 0.50

MASS TRANSFER, TWO-PHASE FLOW
MASS TRANSFER IN ANNULAR, TWO-PHASE FLOW.
PB-170 406 20D U 41 15 HC$17.80 MF$ 1.00

MASSACHUSETTS, ECONOMICS
A STUDY OF FACTORS AFFECTING INDUSTRIAL GROWTH IN NORTHERN MIDDLESEX COUNTY AND ENVIRONS.
PB-170 311 5C U 41 15 HC$ 5.00 MF$ 1.25

ESSEX COUNTY, MASSACHUSETTS: A NINE POINT PROGRAM FOR ECONOMIC DEVELOPMENT.
PB-170 335 5C U 41 15 HC$ 6.00 MF$ 1.50

MATERIAL FORMING, STATE-OF-THE-ART REVIEWS
THE MAKING OF TITANIUM AND TITANIUM-ALLOY SHAPES BY CASTING, POWDER METALLURGY, AND OTHER PROCESSES,
AD-634 192 13H T 66 15 HC$ 4.00 MF$ 0.75

MATERIAL FORMING, TITANIUM
DEFORMATION PROCESSING OF TITANIUM AND ITS ALLOYS,
AD-634 141 13H T 66 15 HC$ 7.00 MF$ 1.75

MATERIALS, CONSTRUCTION
A MATERIALS-INPUT INDEX OF SOVIET CONSTRUCTION, REVISED AND EXTENDED,
PB-170 537 5C U 41 15 HC$ 9.60

MATERIALS, RHEOLOGY
THE FUNDAMENTALS OF MATERIALS RESEARCH. PART I. VISCOELASTICITY,
AD-461 271 20K U 41 15 HC$ 3.00

MATERIALS, STIFFENED CYLINDERS
WEIGHT SAVINGS DERIVED FROM THE USE OF CONTRASTING MATERIALS IN CONVENTIONALLY STIFFENED CYLINDERS,
AD-634 140 13M T 66 15 HC$ 2.00 MF$ 0.50

MATERIALS, THERMOELECTRICITY
RESEARCH AND DEVELOPMENT OF MATERIALS AND FABRICATION TECHNIQUES FOR THERMOELECTRIC POWER GENERATION.
AD-634 477 10B T 66 15 HC$ 5.60 MF$ 0.50

MATERIALS, UNDERGROUND STRUCTURES
MATERIALS FOR USE IN MITIGATING BLAST LOADS ON DEEPLY BURIED PROTECTIVE STRUCTURES,
AD-634 691 18C T 66 15 HC$ 1.00 MF$ 0.50

MATHEMATICAL PREDICTION, CHEMICAL WARFARE CASUALTIES
CW MATHEMATICAL RESEARCH.
AD-273 112 15B U 41 15 HC$ 6.60

MATHEMATICS(GEN)
THE DETERMINATION OF EMPIRICAL AND ANALYTICAL SPACECRAFT PARAMETRIC CURVES - THEORY AND METHODS.
N66-14418 22A U 41 15 HC$ 3.00 MF$ 0.75

MATRIX ALGEBRA, ELECTRICAL NETWORKS
ALGEBRAIC GENERATION AND ACTIVE NETWORK REALIZATION OF STATE EQUATIONS,
AD-634 272 12B T 66 15 HC$ 3.00 MF$ 0.75

MATRIX ALGEBRA, TRANSORMATIONS(MATHEMATICS)
A NOTE ON INVERTING THE R-MATRIX.
IDO-17142 12B U 41 15 HC$ 2.00 MF$ 0.50

MECHANICAL ENGINEERING, BIONICS
STUDY AND DEVELOPMENT OF MUSCLE SUBSTITUTES.
AD-634 187 6B T 66 15 HC$ 2.00 MF$ 0.50

MECHANICAL FASTENERS, NICKEL ALLOYS
MECHANICAL FASTENING OF NICKEL-BASE ALLOYS.
AD-634 260 13H T 66 15 HC$ 3.00 MF$ 0.75

MECHANICAL FASTENERS, TITANIUM
MECHANICAL FASTENING OF TITANIUM AND ITS ALLOYS.
AD-634 532 13H T 66 15 HC$ 3.00 MF$ 0.75

MECHANICAL PROPERTIES, SOLIDS
DESCRIPTION OF MECHANICAL BEHAVIOR OF INELASTIC SOLIDS.
AD-634 702 20K T 66 15 HC$ 2.00 MF$ 0.50

MECHANICAL WAVES, CYLINDRICAL BODIES
AN ANALYSIS OF COMBINED LONGITUDINAL AND TORSIONAL PLASTIC WAVES IN A THIN-WALLED TUBE.
AD-634 701 20K T 66 15 HC$ 2.00 MF$ 0.50

MEDICAL EXAMINATION, NAVAL PERSONNEL
THE THOUSAND AVIATOR STUDY! SMOKING HISTORY CORRELATES OF SELECTED PHYSIOLOGICAL, BIOCHEMICAL, AND ANTHROPOMETRIC MEASURES.
AD-634 612 6N T 66 15 HC$ 1.00 MF$ 0.50

MEDICAL RESEARCH, ANALYSIS
THE ANALYSIS OF MEDICAL DOCUMENTS WITH A COMPARATIVE EVALUATION OF THREE INDEXING PROCEDURES.
PB-169 698 5B U 41 15 HC$ 1.60 MF$ 0.50

MEDICAL RESEARCH, ARMY
PROFESSIONAL REPORT, JULY 1964 THROUGH JUNE 1965.
AD-634 124 6E T 66 15 HC$ 7.00 MF$ 1.75

MEDICAL RESEARCH, HEALTH PHYSICS
RESEARCH AND DEVELOPMENT IN PROGRESS - BIOLOGY AND MEDICINE. ISSUE NO. 4.
TID-4204 6R N 20 13 HC$ 5.50 MF$ 2.25

MEDICINE, INFORMATION RETRIEVAL
SEARCHING THE MEDICAL LITERATURE: HISTORY OF A PILOT PROJECT IN MECHANIZED INFORMATION RETRIEVAL.
PB-170 421 5B U 41 15 HC$ 1.10 MF$ 0.50

AgSTRACTING AND INDEXING IN THE MEDICAL SCIENCES.
PB-170 424 5B U 41 15 HC$ 1.10 MF$ 0.50

MEMBRANES, TANTALUM
RESEARCH STUDIES ON SOLID HYDROGEN PURIFICATION MEMBRANES.
AD-634 547 7A T 66 15 HC$ 2.00 MF$ 0.50

MEMORY, LEARNING MACHINES
UTILIZATION OF MEMORY IN CONCEPT LEARNING SYSTEMS.
AD-634 483 6D T 66 15 HC$ 2.00 MF$ 0.50

MERCURY COMPOUNDS, METALORGANIC COMPOUNDS
THE PREPARATION OF DIARYLCYCLOPROPENONES BY THE REACTION OF PHENYLMERCURY WITH DIARYLACETYLENES.
AD-634 581 7C T 66 15

MERCURY COMPOUNDS, SULFATES
REFINEMENT OF THE CRYSTAL STRUCTURE OF MERCURIC SULFATE MONOHYDRATE.
UCRL-10969 18J U 41 15 HC$ 1.00 MF$ 0.50

MESON REACTIONS, DECAY SCHEMES
OBSERVATION OF INTERFERENCE BETWEEN POSITIVE-PION NEGATIVE-PION AMPLITUDES FROM K-L DECAY AND COHERENT REGENERATION.
AD-634 496 20H T 66 15 HC$ 3.00 MF$ 0.75

OBSERVATION OF THE TWO-PHOTON DECAY OF THE NEUTRAL-K2 MESON.
AD-634 721 20H T 66 15 HC$ 1.00 MF$ 0.50

MESON REACTIONS, NUCLEAR SPECTROSCOPY
POSITRON SPECTRUM FROM MUON DECAY.
AD-634 351 20H T 66 15 HC$ 5.00 MF$ 1.00

MESON REACTIONS, RESONANCE
A 'SIGMA PI PI' MASS ENHANCEMENT AND A NEARBY TRIANGLE SINGULARITY.
AD-634 340 20J T 66 15 HC$ 1.00 MF$ 0.50

MESON REACTIONS, THEORY
ON THE OFF-DIAGONAL MASS MATRIX ELEMENT OF THE NEUTRAL K SYSTEM.
AD-634 703 20J T 66 15 HC$ 1.00 MF$ 0.50

METABOLISM, IN VIVO ANALYSIS
REGULATION OF METABOLISM, IN VIVO.
AD-634 636 6P T 66 15 HC$ 1.00 MF$ 0.50

METAL FILMS, CONDUCTIVITY
CONDUCTANCE DEVICE FOR MONITORING THIN FILM GROWTH.
RFP-690 18D N 20 12 HC$ 1.00 MF$ 0.50

METAL FILMS, MAGNETIC PROPERTIES
THE EFFECTS OF GAS OCCLUSIONS AND STRAINS ON THE MAGNETIC PROPERTIES OF THIN PERMALLOY FILMS.
AD-471 647 20L U 41 15 HC$ 2.75 MF$ 1.50

METAL FILMS, RADIATION MEASUREMENT SYSTEMS
SUPERCONDUCTING THIN-FILM NUCLEAR-PARTICLE DETECTORS.
AD-634 684 18D T 66 15 HC$ 1.00 MF$ 0.50

METAL FILMS, SURFACES
VAPOR-DEPOSITED FILM DISTRIBUTION ON CURVED SUBSTRATE SURFACES.
RFP-647 11F U 41 15 HC$ 1.00 MF$ 0.50

METAL JOINTS, CORROSION RESISTANCE
PROGRAMMED TUBE TO TUBESHEET WELDING ON HANFORD HEAT EXCHANGERS USED IN NUCLEAR PROCESSING SERVICE.
RL-SEP-710 13H U 41 15 HC$ 1.00 MF$ 0.50

METAL JOINTS, FATIQUE(MECHANICS)
THE USE OF PINS WITH FLATS TO INCREASE THE FATIGUE LIFE OF ALUMINUM ALLOY LUGS.
AD-634 571 13H T 66 15 HC$ 1.00 MF$ 0.50

METAL SEALS, DESIGN
DISCLOSURES ON MAGNETIC TAPE HANDLER, FOCUS DETECTOR, MULTI-PEN RECORDER, SIGNAL AVERAGING FILTER, ELECTROSTATIC RMS VOLTMETER, BACK-UP RING FOR O-RINGS, AND LOW TEMPERATURE SOLID STATE THERMOMETER.
NBS-TN-287 14B U 41 15 HC$ 0.25 MF$ 0.50

METALLIC CRYSTALS, CRYSTAL LATTICE DEFECTS
DYNAMICS OF DISORDERED HARMONIC LATTICES IN ONE, TWO, AND THREE DIMENSIONS.
LA-3471 20B U 41 15 HC$ 2.00 MF$ 0.50

METALLIC CRYSTALS, DIFFUSION
SURFACE DIFFUSION STUDIES.
NYO-2994-3 20L U 41 15 HC$ 3.00 MF$ 0.50

METALLIC CRYSTALS, RADIATION DAMAGE
SOLID-STATE DIVISION ANNUAL PROGRESS REPORT FOR PERIOD ENDING DECEMBER 31, 1965.
ORNL-3935 20L U 41 15 HC$ 3.00 MF$ 0.75

METALLOGRAPHY, PHOTOGRAPHIC ANALYSIS
A PRECISION BACK-REFLECTION LAUE CAMERA.
RFP-636 18D U 41 15 HC$ 1.00 MF$ 0.50

METALLOGRAPHY, STANDARDS
METALLOGRAPHY OF URANIUM PROCEDURES AND STANDARDS.
NLCO-954 11F U 41 15 HC$ 3.00 MF$ 0.75

METALLURGY, ABSTRACTS
AUTOMATIC PROCESSING OF METALLURGICAL ABSTRACTS FOR THE PURPOSE OF INFORMATION RETRIEVAL.
PB-170 492 5B U 41 15 HC$ 6.60 MF$ 0.75

METALS, MECHANICAL PROPERTIES
RESEARCH TO DETERMINE THE LONG-TERM MECHANICAL PROPERTIES OF METALS SUBJECTED TO MECHANICAL STRESS AT ELEVATED TEMPERATURES AND NEUTRON IRRADIATION.
EURAEC-1112 18J U 41 15 HC$ 1.00 MF$ 0.50

METEORITE
SURFACE CONDITIONS OF THE ORGUEIL METEORITE PARENT BODY AS INDICATED BY MINERAL ASSOCIATIONS.
N66-14557 8G U 41 15 HC$ 3.00 MF$ 0.75

METEORITES, USSR
MODELING THE TUNGUS METEORITE EXPLOSION.
AD-634 380 8G T 66 15 HC$ 1.00 MF$ 0.50

METEOROLOGICAL BALLOONS, BOUNDARY LAYER
BOUNDARY LAYER PROFILE MEASUREMENT SYSTEM.
PB-169 875 4B U 41 15 HC$ 1.60 MF$ 0.50

METEOROLOGICAL PARAMETERS, SOUNDING ROCKETS
HONEST JOHN MISSILE NO. 3906, ROUND NO. 5013 RBL (15 FEBRUARY 1966).
AD-634 360 4B T 66 15 HC$ 1.00 MF$ 0.50

METEOROLOGICAL RADAR, RADAR ECHO AREAS
PRECISION INTEGRATOR FOR METEOROLOGICAL ECHOES (PRIME).
AD-634 311 17I T 66 15 HC$ 3.00 MF$ 0.75

METEOROLOGICAL RADAR, RAINFALL
INVESTIGATION OF THE QUANTITATIVE DETERMINATION OF POINT AND AREAL PRECIPITATION BY RADAR ECHO MEASUREMENTS.
AD-634 362 4B T 66 15 HC$ 2.00 MF$ 0.50

METEOROLOGICAL SATELLITES, WEATHER FORECASTING
INVESTIGATION OF THE OPERATIONAL USE OF CLOUD PHOTOGRAPHS FROM WEATHER SATELLITES IN THE NORTH PACIFIC.
AD-413 944 4B U 41 15 HC$14.60

METEOROLOGY, GUIDED MISSILE RANGES
LITTLE JOHN MISSILE NO. 2129, ROUND NO. 645 RM (25 APRIL 1966).
AD-634 695 4B T 66 15 HC$ 1.00 MF$ 0.50

AEROBEE NASA 4.95 GS (20 MAY 1966).
AD-634 696 4B T 66 15 HC$ 2.00 MF$ 0.50

FORT GREELY MISSILE RANGE REFERENCE ATMOSPHERE. PART I.
AD-634 726 4B T 66 15 HC$ 3.00 MF$ 0.75

FORT CHURCHILL MISSILE RANGE REFERENCE ATMOSPHERE FOR FORT CHURCHILL, CANADA. PART I.
AD-634 727 4B T 66 15 HC$ 3.00 MF$ 0.75

AEROBEE NASA 4.92 (20 MAY 1966).
AD-634 752 4B T 66 15 HC$ 2.00 MF$ 0.50

ATHENA FLIGHT NUMBER 042 (27 MAY 1966) AND ATHENA FLIGHT NUMBER 043 (27 MAY 1966).
AD-634 757 4B T 66 15 HC$ 3.00 MF$ 0.75

LITTLE JOHN MISSILE NO. 2126, ROUND NO. 643 RM (14 APRIL 1966).

AD-634 760 4B T 66 15 HC$ 2.00 MF$ 0.50

METERS, CALIBRATION
VIBRATION METERS: MODELS M1, M3, M6 (MB MANUFACTURING CO., INC.).
PB-169 994 14B U 41 15 HC$ 1.60 MF$ 0.50

AC-DC METER CALIBRATOR: MODEL 33 (RADIO FREQUENCY LABORATORIES, INC.).
PB-169 996 14B U 41 15 HC$ 1.60 MF$ 0.50

METERS, VELOCITY
ANALYSIS AND HIGH FREQUENCY CORRECTION OF BAR-MAGNET VELOCITY-METER RESPONSE.
AD-634 699 14B T 66 15 HC$ 2.00 MF$ 0.50

MICHIGAN, INDUSTRIES
INDUSTRIAL-DEVELOPMENT OPPORTUNITIES FOR THE PORT OF MONROE.
PB-170 282 5C U 41 15 HC$ 5.00 MF$ 1.00

MICROMETEOROLOGY, ATMOSPHERIC MOTION
A MATHEMATICAL MODEL FOR AIR FLOW IN A VEGETATIVE CANOPY.
AD-634 668 4B T 66 15 HC$ 1.00 MF$ 0.50

MICROMINIATURIZATION(ELECTRONICS), QUARTZ
PRODUCTION ENGINEERING MEASURE RELIABLE QUARTZ CRYSTAL MICROELEMENTS TYPES EL-MCR01 (X-1) AND EL-MCR02 (X-1).
AD-634 214 9A T 66 15 HC$ 1.00 MF$ 0.50

MICROMINIATURIZATION(ELECTRONICS, CIRCUITS
R AND D PROGRAM TO DESIGN AND FABRICATE DIGITAL MONOLITHIC MICROCIRCUITS HAVING AVERAGE PROPAGATION DELAY TIME OF 1 NS.
AD-634 536 9A T 66 15 HC$ 1.00 MF$ 0.50

MICROORGANISMS, OXYGEN
THE EFFECT OF HYPERBARIC OXYGEN ON MICROORGANISMS IN VITRO AND IN VIVO.
PB-169 209 6E U 41 15 HC$ 1.00 MF$ 0.50

MICROORGANISMS, TROPICAL DEGRADATION
THE POSSIBLE MILITARY SIGNIFICANCE OF CONTAMINANTS FOUND IN TROPICAL ATMOSPHERES.
AD-634 692 13B T 66 15 HC$ 1.00 MF$ 0.50

MICROWAVE AMPLIFIERS, DESIGN
SUPERPOWER MILLIMETER WAVE TUBE.
AD-289 893 9A U 41 15 HC$ 2.60

AD-289 894 9A U 41 15 HC$ 2.60

AD-289 897 9A U 41 15 HC$ 4.60

AD-289 898 9A U 41 15 HC$ 2.60

AD-289 899 9A U 41 15 HC$ 2.60

MICROWAVE AMPLIFIERS, MEASURING DEVICES(ELECTRICAL + ELECTRONIC)
A BALLISTIC PENDULUM FOR THE MEASUREMENT OF IMPULSE PRODUCED ON A TARGET MATERIAL BY A FOCUSED LASER BEAM.
PB-169 449 20E U 41 15 HC$ 2.00 MF$ 0.50

MICROWAVE AMPLIFIERS, SYMPOSIA
PROCEEDINGS OF THE HIGH-POWER MICROWAVE TUBES SYMPOSIUM HELD AT THE HEXAGON, FORT MONMOUTH, NEW JERSEY 19 AND 20 MAY 1965, VOLUME I.
AD-478 107 9A U 41 15 HC$ 6.00 MF$ 1.50

MICROWAVE AMPLIFIERS, TRAVELING WAVE TUBES
DEVELOPMENT OF A MILLIMETER LOW-NOISE TRAVELING-WAVE AMPLIFIER.
AD-440 424 9A U 41 15 HC$11.60

MICROWAVE EQUIPMENT, DISTANCE-MEASURING EQUIPMENT
EXPECTED INSTRUMENT ACCURACY OF MICROWAVE DISTANCERS.
AD-634 240 20N T 66 15 HC$ 4.00 MF$ 0.75

MICROWAVE OSCILLATORS, ELECTRON BEAMS
INVESTIGATIONS OF LINEAR BEAM AND NEW CONCEPTS OF MICROWAVE POWER GENERATION.
AD-634 129 9A T 66 15 HC$ 5.00 MF$ 1.00

AD-634 130 9A T 66 15 HC$ 6.00 MF$ 1.50

MICROWAVE OSCILLATORS, VARACTOR DIODES
A NEW MICROWAVE SEMICONDUCTOR OSCILLATOR.
AD-634 689 9E T 66 15 HC$ 1.00 MF$ 0.50

MICROWAVES, PROPAGATION
EXPECTED INSTRUMENT ACCURACY OF MICROWAVE DISTANCERS.
AD-634 240 20N T 66 15 HC$ 4.00 MF$ 0.75

MIDCOURSE GUIDANCE
INTERPLANETARY NAVIGATION AND GUIDANCE STUDY. VOLUME II. TECHNICAL STUDY.
N66-14527 22C U 41 15 HC$ 5.00 MF$ 1.00

MILITARY ENGINEERING, DOCUMENTATION
EDIS TASK I REPORT, WORK UNIT 1.2, CATEGORIZATION OF AVAILABLE DATA AND INFORMATION.
AD-634 321 5B T 66 15 HC$ 8.90 MF$ 2.50

EDIS TASK I REPORT, WORK UNIT 1.3, IDENTIFICATION OF USER NEEDS.
AD-634 322 5B T 66 15 HC$ 4.00 MF$ 0.75

EDIS TASK I REPORT, WORK UNIT 1.4: IDENTIFICATION OF DISCIPLINES AND FIELDS.
AD-634 323 5B T 66 15 HC$ 4.00 MF$ 0.75

EDIS TASK I, WORK UNIT 1.9: CATEGORIZATION OF EXISTENT DATA SYSTEMS.
AD-634 324 5B T 66 15 HC$ 7.00 MF$ 1.75

MILITARY MEDICINE, JAPAN
PROFESSIONAL REPORT, JULY 1964 THROUGH JUNE 1965.
AD-634 124 6E T 66 15 HC$ 7.00 MF$ 1.75

MILITARY RATIONS, HUMAN ENGINEERING
HUMAN FACTORS ASPECTS OF THE QM-EQUIPPED SOLDIER IN JUNGLE OPERATIONS: AN OPERATIONAL APPROACH.
AD-634 720 15E T 66 15 HC$ 3.00 MF$ 0.75

MILITARY RATIONS, SYNTHESIS(CHEMISTRY)
HIGH ENERGY SYNTHETIC COMPOUNDS FOR FUTURE COMPACT COMBAT RATIONS.
AD-634 673 6H T 66 15 HC$ 1.00 MF$ 0.50

MILITARY STRATEGY, NUCLEAR WARFARE
THE STRATEGIC CONSEQUENCES OF NUCLEAR PROLIFERATION.
AD-634 741 15F T 66 15 HC$ 1.00 MF$ 0.50

MILITARY STRATEGY, UNITED STATES
PRESENT AND ANTICIPATED ALTERNATIVE UNITED STATES MILITARY STRATEGIES.
AD-634 401 15G T 66 15 HC$ 3.00 MF$ 0.75

MILITARY TRAINING, OFFICER PERSONNEL
A PROGRAM OF LEADERSHIP INSTRUCTION FOR JUNIOR OFFICERS.
AD-409 096 5I U 41 15 HC$ 5.60

MINERALS, TEXAS
ROCK AND MINERAL RESOURCES OF EAST TEXAS.
PB-170 276 5C U 41 15 HC$ 8.35 MF$ 2.25

MINIATURE ELECTRONIC EQUIPMENT, QUARTZ CRYSTALS
GLASS INCLOSED MINIATURE CRYSTAL UNITS.
PB-169 972 9C U 41 15 HC$ 7.60

MINNESOTA, ORES(METAL SOURCES)
FILLING GAPS IN THE EXISTING TECHNOLOGY AND RESEARCH UNDER WAY ON CUYUNA RANGE ORES.
PB-170 328 5C U 41 15 HC$ 2.00 MF$ 0.50

MINNESOTA, PAPER INDUSTRY
FEASIBILITY OF ESTABLISHING A NON-INTEGRATED TISSUE MANUFACTURING FACILITY AT TWO HARBORS, MINNESOTA.
PB-170 321 5C U 41 15 HC$ 5.00 MF$ 1.00

MISSOURI, AGRICULTURE
THE ECONOMIC FEASIBILITY OF COMMERCIAL FRUIT AND VEGETABLE PRODUCTION AND PROCESSING IN THE MISSOURI DELTA.
PB-170 302 5C U 41 15 HC$ 3.00 MF$ 0.75

MODELS(SIMULATIONS), RADIOACTIVE ISOTOPES
STOCHASTIC DIFFERENCE EQUATIONS OCCURING IN ONE-COMPARTMENT MODELS.
ORNL-3920 12A U 41 15 HC$ 2.00 MF$ 0.50

MODULATORS, RADIOFREQUENCY INTERFERENCE
INTERFERENCE REDUCTION TECHNIQUES FOR NONLINEAR DEVICES.
AD-451 658 17B U 41 15 HC$15.60

MOISTUREPROOFING, SOILS
DUSTPROOFING AND WATERPROOFING OF SOILS. LABORATORY STUDIES OF SOIL WATERPROOFING MATERIALS.
AD-450 631 8M U 41 15 HC$ 5.60

MOLECULAR ASSOCIATION, LIQUIDS
COHESIVE ENERGIES IN ORGANIC LIQUIDS.
AD-634 625 7D T 66 15 HC$ 1.00 MF$ 0.50

MOLECULAR ELECTRONICS, PULSE GENERATORS
SILICON MONOLITHIC RANDOM PULSE GENERATOR.
SC-DC-64-1154 9C U 41 15 HC$ 1.00 MF$ 0.50

MOLECULAR ENERGY LEVELS, STATISTICAL DISTRIBUTION
POPULATION DISTRIBUTIONS DURING VIBRATIONAL RELAXATION OF DIATOMIC GASES.
AD-634 437 7D T 66 15 HC$ 2.00 MF$ 0.50

MOLECULAR ORBITALS, LITHIUM COMPOUNDS
DIFFERENT ORBITALS FOR DIFFERENT SPINS. SOME RESULTS FOR THE LIH MOLECULE.
AD-634 724 7D T 66 15 HC$ 2.00 MF$ 0.50

MOLECULAR WEIGHT, FULMINATES
MOLECULAR WEIGHT OF FULMINIC ACID.
AD-479 639 7A U 41 15 HC$ 1.60 MF$ 0.50

MOLECULES, EXCITATION
DELOCALIZED EXCITATION AND EXCITATION TRANSFER.
FSU-2690-18 7D U 41 15 HC$ 3.00 MF$ 0.75

MOLECULES, REACTION KINETICS
EFFECT OF TRANSLATIONAL ENERGY ON ION-MOLECULE REACTION RATES. II.
AD-634 708 7D T 66 15

MOLYBDENUM ALLOYS, COATINGS
STUDY OF DUCTILE COATINGS FOR THE OXIDATION PROTECTION OF COLUMBIUM AND MOLYBDENUM ALLOYS.
AD-634 402 11C T 66 15 HC$ 2.00 MF$ 0.50

MOLYBDENUM, CRYSTAL LATTICE DEFECTS
THE MICROSTRAIN REGION IN HIGH-PURITY REFRACTORY METALS.
AD-634 128 11F T 66 15 HC$ 2.00 MF$ 0.50

MOLYBDENUM, VAPOR PRESSURE
AN ULTRA-HIGH VACUUM THERMOBALANCE FOR LANGMUIR VAPORIZATION STUDIES VAPOR PRESSURE OF MOLYBDENUM.
LA-3423 7D U 41 15 HC$ 1.00 MF$ 0.50

MONITORS, EVAPORATION
THIN FILM EVAPORATION RATE MONITOR.
RFP-602 18D U 41 15 HC$ 2.00 MF$ 0.50

MONTE CARLO METHOD, PROGRAMMING(COMPUTERS)
OGRE - A MONTE CARLO SYSTEM FOR GAMMA-RAY TRANSPORT STUDIES, INCLUDING AN EXAMPLE (OGRE-P1) FOR TRANSMISSION THROUGH LAMINATED SLABS,
ORNL-3805 20H U 41 15 HC$ 2.00 MF$ 0.50

MONTE CARLO METHOD, SEQUENTIAL ANALYSIS
A COMPARISON OF THE PERFORMANCE CHARACTERISTICS OF TWO SEQUENTIAL PROCEDURES FOR RANKING MEANS OF NORMAL POPULATIONS.
AD-634 342 12A T 66 15 HC$ 4.00 MF$ 0.75

MOON, COOLING
ON THE NONUNIFORM COOLING BEHAVIOR OF THE ECLIPSED MOON,
AD-634 303 3B T 66 15 HC$ 1.00 MF$ 0.50

MOON, EXTRATERRESTRIAL TOPOGRAPHY
RELATIVE DEPTHS OF LUNAR RING MOUNTAINS AND CRATERS IN THE MARE NUBIUM,
AD-634 379 3A T 66 15 HC$ 1.00 MF$ 0.50

MOON, PHOTOGRAMMETRY
COMMUNICATIONS OF THE LUNAR AND PLANETARY LABORATORY, VOLUME 4, PART 2,
AD-634 501 3B T 66 15 HC$ 3.00 MF$ 0.75

MOSSBAUER EFFECT, SPECTRUM ANALYZERS
A MOSSBAUER SPECTROMETER,
AD-634 658 29F T 66 15 HC$ 1.00 MF$ 0.50

MOTION SICKNESS, BIOCHEMISTRY
BIOCHEMICAL CHANGES OCCURRING WITH ADAPTATION TO ACCELERATIVE FORCES DURING ROTATION,
AD-634 609 6S T 66 15 HC$ 1.00 MF$ 0.50

MOTOR REACTIONS, CEREBELLUM
EFFECTS OF STIMULATION OF THE CEREBELLAR CORTEX ON SPINAL MONOSYNAPTIC REFLEXES,
AD-634 554 6P T 66 15

MOUNTAINS, RECREATION
THE SKIER MARKET IN NORTHEAST NORTH AMERICA.
PB-170 222 5C U 41 15 HC$ 3.00 MF$ 0.75

MULTIBAND SPECTRAL RECONNAISSANCE, AERIAL PHOTOGRAPHY
OCEANOGRAPHIC SPECTRAL PHOTOGRAPHY. PART I. BASIC INVESTIGATIONS.
AD-634 748 14E T 66 15 HC$ 4.00 MF$ 0.75

MULTIBAND SPECTRAL RECONNAISSANCE, URBAN PLANNING
REMOTE SENSING AND URBAN INFORMATION SYSTEMS. FIVE PAPERS.
AD-634 149 13B T 66 15 HC$ 2.00 MF$ 0.50

MUONS, MAGNETO-OPTIC EFFECT
A MEASUREMENT OF THE ANOMALOUS GYROMAGNETIC RATIO OF THE MUON,
UCRL-16469 20H N 20 12 HC$ 6.00 MF$ 0.75

MUONS, NUCLEAR REACTIONS
POSITRON SPECTRUM FROM MUON DECAY,
AD-634 351 20H T 66 15 HC$ 5.00 MF$ 1.00

MUSCULOSKELETAL SYSTEM, AMPLIFIERS
WALKING MACHINE STUDIES,
AD-634 618 13F T 66 15 HC$ 1.00 MF$ 0.50

MYCOPLASMA, IMMUNE SERUMS
PREPARATION OF MYCOPLASMA ANTIGENS AND ANTISERA.
PB-170 681 6M U 41 15 HC$ 1.00 MF$ 0.50

NATURAL RESOURCES, ECONOMICS
A CONSERVATION EDUCATION AREA, PRINCE GALLITZIN STATE PARK, CAMBRIA COUNTY, PENNSYLVANIA.
PB-170 052 5C U 41 15 HC$ 1.00 MF$ 0.50

NAVAL AIRCRAFT, MAINTENANCE
A METHOD FOR EVALUATING FAILURE AND USAGE DATA PATTERNS.
AD-634 753 1C T 66 15 HC$ 3.60 MF$ 0.50

MAINTENANCE-REPAIR DECISIONS. FAILURE, UNSATISFACTORY, OR REMOVAL ANALYSIS,
AD-634 754 1C T 66 15 HC$ 5.68 MF$ 0.75

NAVAL PERSONNEL, SELECTION
DEVELOPMENT OF THE SHORT BASIC TEST BATTERY FORM SB-3.
AD-634 595 5I T 66 15 HC$ 1.00 MF$ 0.50

THE THOUSAND AVIATOR STUDY: SMOKING HISTORY CORRELATES OF SELECTED PHYSIOLOGICAL, BIOCHEMICAL, AND ANTHROPOMETRIC MEASURES,
AD-634 612 6N T 66 15 HC$ 1.00 MF$ 0.50

NAVAL RESEARCH, RESEARCH PROGRAM ADMINISTRATION
A STUDY OF METHODS WHICH COULD IMPROVE THE RELEVANCE OF NAVAL APPLIED RESEARCH AND EXPLORATORY DEVELOPMENT,
AD-634 389 5A T 66 15 HC$ 4.00 MF$ 1.00

NAVAL TRAINING, EFFECTIVENESS
THE RELATIONSHIP OF COLLEGE MAJOR TO SUCCESS IN NAVAL AVIATION TRAINING,
AD-634 610 5I T 66 15 HC$ 1.00 MF$ 0.50

NAVIGATION LIGHTS, DESIGN
OBSTRUCTION LIGHT SYSTEM.
AD-634 382 17B T 66 15 HC$ 6.00 MF$ 1.25

NEGATIVE RESISTANCE CIRCUITS, SIMULATION
SOME APPLICATIONS OF SYNTHESISED NEGATIVE RESISTANCE CHARACTERISTICS TO RING COUNTER DESIGN,
PB-169 451 9B U 41 15 HC$ 2.00 MF$ 0.50

NERVE CELLS, RADIATION EFFECTS
EFFECTS OF RADIATION ON THE SUBMICROSCOPIC STRUCTURE OF THE SYMPATHETIC NEURON.
AD-634 405 6R T 66 15 HC$ 1.00 MF$ 0.50

NERVOUS SYSTEM, SIMULATION
DIGITAL COMPUTER SIMULATION OF A SIMPLIFIED NERVE NET,
AD-634 289 6D T 66 15 HC$ 4.00 MF$ 0.75

NEUROMUSCULAR TRANSMISSION, ACETYLCHOLINESTERASES
ACETYLCHOLINESTERASE AND NERVE CONDUCTION,
AD-634 657 6O T 66 15 HC$ 1.00 MF$ 0.50

NEUTRON ACTIVATION, NUCLEAR INDUSTRIAL APPLICATIONS
RESEARCH IN ACTIVATION ANALYSIS.
NYO-10175 18B U 41 15 HC$ 4.00 MF$ 1.00

NEUTRON CROSS SECTIONS, SPECIAL FUNCTIONS
THE CALCULATION OF SLOWING-DOWN TRANSFER MATRICES IN THE SPHERICAL HARMONICS REPRESENTATION,
NAA-SR-11530 18K U 41 15 HC$ 3.00 MF$ 0.75

NEUTRON DETECTORS, SOLID STATE PHYSICS
DEVELOPMENT OF A SOLID-STATE NEUTRON DETECTOR FOR SNAP-10A,
NAA-SR-11762 18D U 41 15 HC$ 2.00 MF$ 0.50

NEUTRON FLUX, MEASUREMENT
MESURES DU COEFFICIENT DE DIFFUSION RADIAL DANS AQUILON II PAR L'ETUDE DE LA DISTORSION DE LA STRUCTURE FINE (MEASUREMENT OF THE RADIAL DIFFUSION CONSTANT AT AQUILON II BY MEANS OF THE STUDY OF THE DISTORTION OF THE FINE STRUCTURE),
PB-169 359 18K U 41 15 HC$ 3.60 MF$ 0.50

NEUTRON FLUX, NUCLEAR REACTORS
XKINEQ--A TWO-GROUP, TWO-DIMENSIONAL, MULTIREGION COMPUTER CODE FOR EXAMINING FLUX STABILITY IN NUCLEAR REACTORS IN THE PRESENCE OF 135 XE.
IDO-17127 18I U 41 15 HC$ 3.00 MF$ 0.75

NEUTRON FLUX, RADIATION MONITORS
NEUTRON FLUX MONITORING WITH ARGON GAS.
NAA-SR-11356 18D U 41 15 HC$ 4.00 MF$ 1.00

NEUTRON FLUX, RESEARCH REACTORS
PULSED HIGH INTENSITY FISSION NEUTRON SOURCES,
CONF-650217 18I U 41 15 HC$ 1.75 MF$ 1.00

NEUTRON SCATTERING, EXPLOSIVE MATERIALS
STUDY OF LOW FREQUENCY MOLECULAR MOTIONS IN EXPLOSIVES BY SLOW NEUTRON INELASTIC SCATTERING,
AD-634 661 19A T 66 15 HC$ 1.00 MF$ 0.50

NEUTRON SCATTERING, FAST REACTORS
REACTOR PHYSICS DIVISION ANNUAL REPORT, JULY 1, 1964-JUNE 30, 1965.
ANL-7110 18K U 41 15 HC$ 7.22 MF$ 2.00

NEUTRON SPECTRUM, EXPLOSIVE MATERIALS
STUDY OF LOW FREQUENCY MOLECULAR MOTIONS IN EXPLOSIVES BY SLOW NEUTRON INELASTIC SCATTERING,
AD-634 661 19A T 66 15 HC$ 1.00 MF$ 0.50

NEUTRON SPECTRUM, GAMMA RAYS
ENERGY SPECTRA OF NEUTRONS AND GAMM RAYS FROM SPONTANEOUS FISSION OF 244 CM.
DP-949 18H U 41 15 HC$ 2.00 MF$ 0.50

NEUTRON SPECTRUM, PROGRAMMING(COMPUTERS)
BIG6-II. A MULTIGROUP NEUTRON SPECTRUM AND CRITICALITY CODE,
PB-169 460 18K U 41 15 HC$ 3.00 MF$ 0.75

NEUTRON TRANSPORT THEORY, GAMMA RAYS
OGRE - A MONTE CARLO SYSTEM FOR GAMMA-RAY TRANSPORT STUDIES, INCLUDING AN EXAMPLE (OGRE-P1) FOR TRANSMISSION THROUGH LAMINATED SLABS,
ORNL-3805 20H U 41 15 HC$ 2.00 MF$ 0.50

NEUTRON TRANSPORT THEORY, PROGRAMMING LANGUAGES
DTF-II -- A ONE-DIMENSIONAL, MULTIGROUP NEUTRON TRANSPORT PROGRAM,
NAA-SR-10951 18K U 41 15 HC$ 2.45 MF$ 0.75

NEUTRONS, NUCLEAR STRUCTURE
NEUTRON FORM FACTORS FROM INELASTIC ELECTRON SCATTERING IN TRITIUM AND HELIUM - 3,
AD-634 756 20H T 66 15 HC$ 1.00 MF$ 0.50

NEW MEXICO, ECONOMICS
FOREST INVENTORY: ISLETA PUEBLO FOREST LANDS, NEW MEXICO.
PB-170 273 5C U 41 15 HC$ 3.00 MF$ 0.75

FOREST INVENTORY: JEMEZ PUEBLO FOREST LANDS NEW MEXICO,
PB-170 274 5C U 41 15 HC$ 3.00 MF$ 0.75

NEW YORK, ECONOMICS
TOURIST AND RECREATION POTENTIAL: LAKE CHAMPLAIN-ADIRONACK AREA (ESSEX AND CLINTON COUNTIES, NEW YORK AND GRAND ISLE COUNTY, VERMONT),
PB-170 234 5C U 41 15 HC$ 4.00 MF$ 1.00

EXPANDING EXISTING INDUSTRIES TO CREATE NEW JOB OPPORTUNITIES IN FULTON COUNTY, NEW YORK.
PB-170 318 5C U 41 15 HC$ 2.00 MF$ 0.50

NEW YORK, INDUSTRIES
SELECTED ONEIDA COUNTY, NEW YORK INDUSTRIAL STRUCTURES AND SITES SURVEY.
PB-170 340 5C U 41 15 HC$ 6.00 MF$ 1.25

NICKEL ALLOYS, CORROSION
THE BEHAVIOR OF SUPERALLOY OXIDE FILMS IN MOLTEN SALTS.
AD-634 183 11F T 66 15 HC$ 2.00 MF$ 0.50

THE ATTACK OF COPPER-GOLD, SILVER-GOLD, COPPER-NICKEL, AND SILVER-COPPER ALLOYS BY SULFUR AT ELEVATED TEMPERATURES,
PB-169 085 11F U 41 15 HC$ 3.00 MF$ 0.75

NICKEL ALLOYS, DISPERSION HARDENING
STUDY OF DISPERSION-STRENGTHENED ALLOYS PRODUCED BY SLIS TECHNIQUES.
AD-634 384 11F T 66 15 HC$ 3.00 MF$ 0.75

NICKEL ALLOYS, JOINTS
MECHANICAL FASTENING OF NICKEL-BASE ALLOYS,
AD-634 260 13H T 66 15 HC$ 3.00 MF$ 0.75

NICKEL ALLOYS, MECHANICAL PROPERTIES
NICKEL AND CHROMIUM BASE ALLOYS.
AD-634 607 11F T 66 15 HC$ 1.00 MF$ 0.50

NICKEL ALLOYS, RADIATION DAMAGE
THE EFFECTS OF IRRADIATION AND ENVIRONMENT ON THE MECHANICAL PROPERTIES OF INCONEL-ZIRCALOY TRANSITION JOINTS,
BNWL-190 11F N 20 13 HC$ 2.00 MF$ 0.50

IMPROVED POSTIRRADIATION TENSILE PROPERTIES OF HASTELLOY X-280,
BNWL-202 11F N 20 13 HC$ 1.00 MF$ 0.50

NICKEL ALLOYS, THERMAL JOINING
JOINING OF NICKEL AND NICKEL-BASE ALLOYS,
AD-634 336 13H T 66 15 HC$ 5.00 MF$ 1.00

NICKEL, THERMAL JOINING
JOINING OF NICKEL AND NICKEL-BASE ALLOYS,
AD-634 336 13H T 66 15 HC$ 5.00 MF$ 1.00

NIOBIUM ALLOYS, COATINGS
STUDY OF DUCTILE COATINGS FOR THE OXIDATION PROTECTION OF COLUMBIUM AND MOLYBDENUM ALLOYS.
AD-634 402 11C T 66 15 HC$ 2.00 MF$ 0.50

NITRIDES, CRYSTAL STRUCTURE
THE STRUCTURES OF THE ALUMINUM CARBONITRIDES.II.
AD-634 572 20B T 66 15

NITRIDES, PLUTONIUM
THE DETERMINATION OF NITRIDE NITROGEN IN PLUTONIUM METAL, ALLOYS, AND COMPOUNDS,
LA-3452 7A U 41 15 HC$ 1.00 MF$ 0.50

NITROBENZENES, ACOUSTIC PROPERTIES
ABSORPTION OF SOUND NEAR THE CRITICAL POINT OF THE NITROBENZENE-ISO-OCTANE SYSTEM,
AD-634 578 7D T 66 15

NITROCELLULOSE, COMBUSTION
A STUDY OF COMBUSTION CATALYSIS AND PROPELLANT DECOMPOSITION BY MASS SPECTROMETRY,
AD-468 333 21B U 41 15 HC$ 2.60 MF$ 0.50

NITROGEN COMPOUNDS, CHEMICAL REACTIONS
A WIND TUNNEL INVESTIGATION OF THE NITRIC OXIDE-OXYGEN ATOM REACTION.
AD-634 312 7D T 66 15 HC$ 3.00 MF$ 0.75

NITROGEN COMPOUNDS, DECOMPOSITION
HIGH TEMPERATURE GAS KINETIC STUDY OF NITROUS OXIDE DECOMPOSITION PERFORMED WITH A SHOCK TUBE AND QUADRUPOLE MASS-FILTER.
AD-634 399 7D T 66 15 HC$ 3.00 MF$ 0.75

NITROGEN COMPOUNDS, POLYMERS
NITROGEN-PHOSPHOROUS POLYMERS.
AD-634 363 7B T 66 15 HC$ 2.00 MF$ 0.50

NITROGEN COMPOUNDS, REACTION KINETICS
THE HOMOGENEOUS GAS PHASE KINETICS OF REACTIONS IN THE HYDRAZINE-NITROGEN TETROXIDE PROPELLANT SYSTEM.
AD-634 277 21I T 66 15 HC$ 7.00 MF$ 1.25

NITROGEN MUSTARDS, RESPIRATION
THE ENZYMIC TRANSFORMATION OF SECONDARY NITROGEN MUSTARDS: IMPLICATIONS IN RESPIRATION,
AD-634 653 6A T 66 15 HC$ 1.00 MF$ 0.50

NITROGEN, EXCITATION
THE STRUCTURE OF SHOCK WAVES IN AIR WITH ACCOUNT BEING TAKEN OF THE KINETICS OF CHEMICAL REACTIONS AND THE EXCITATION OF MOLECULAR VIBRATIONS OF NITROGEN,
AD-634 228 7D T 66 15 HC$ 1.00 MF$ 0.50

NITROGEN, NUCLEATE BOILING
THE INCEPTION OF NUCLEATE BOILING WITH LIQUID NITROGEN.
AD-634 256 20H T 66 15 HC$ 3.00 MF$ 0.75

NITROGEN, URANIUM COMPOUNDS
REACTION AVEC L'AZOTE DES CARBURES D'URANIUM ET DE PLUTONIUM (REACTION OF URANIUM AND PLUTONIUM CARBIDES WITH NITROGEN),
PB-169 891 7E U 41 15 HC$ 3.60 MF$ 0.50

NITROGEN, VISCOSITY
A HIGH-TEMPERATURE OSCILLATING-DISK VISCOMETER.
AD-477 649 14B U 41 15 HC$ 2.00 MF$ 0.50

NOISE(RADIO), SIMULATORS
SIMULATION OF THE 1% MINIMUM CROSSTALK LOSSES AT VOICE FREQUENCIES IN A PAIRED CABLE BY MEANS OF A LUMPED-PARAMETER NETWORK,
AD-634 182 17B T 66 15 HC$ 1.00 MF$ 0.50

NOISE, AUDITORY PERCEPTION
NOISE LOCALIZATION AFTER UNILATERAL ATTENUATION.
AD-634 457 6J T 66 15 HC$ 1.00 MF$ 0.50

NOISE, THRESHOLDS(PHYSIOLOGY)
FURTHER STUDIES OF THE RELIABILITY OF TEMPORARY THRESHOLD SHIFT FROM IMPULSE-NOISE EXPOSURE.
AD-634 456 6J T 66 15 HC$ 2.00 MF$ 0.50

NONLINEAR PROGRAMMING, ELECTRICAL NETWORKS
NONLINEAR PROGRAMMING AND MULTIPARAMETER SENSITIVITY IN LINEAR TIME-INVARIANT NETWORKS,
AD-634 367 12B T 66 15 HC$ 3.00 MF$ 0.75

NONLINEAR PROGRAMMING, WAR GAMES
A NON-LINEAR PROGRAMMING PROBLEM INVOLVING WEAPON ALLOCATIONS.
AD-634 599 15G T 66 15 HC$ 1.00 MF$ 0.50

NON-DESTRUCTIVE TESTING, RADIATION MEASUREMENT SYSTEMS
INVESTIGATION OF BERYLLIUM WINDOWS FROM CEA BUBBLE CHAMBER.
NYO-10742 18D U 41 15 HC$ 6.00 MF$ 1.25

NON-METALS, DIFFUSION
ENHANCED SURFACE LAYER DIFFUSION IN NON-METALLIC COMPOUNDS.
AD-634 558 20L T 66 15 HC$ 2.00 MF$ 0.50

NORTH AMERICA, RECREATION
THE SKIER MARKET IN NORTHEAST NORTH AMERICA.
PB-170 222 5C U 41 15 HC$ 3.00 MF$ 0.75

NORTH CAROLINA, RECREATION
TOURIST AND RECREATION POTENTIAL WESTERN NORTH CAROLINE (ALLEGHANY, ASHE, AVERY, CHEROKEE, CLAY, GRAHAM, MACON, MADISON, MITCHELL, SWAIN, WATAUGA, AND YANCEY COUNTIES),
PB-170 259 5C U 41 15 HC$ 4.00 MF$ 1.00

NOZZLE GAS FLOW, FLOW VISUALIZATION
FURTHER EXPERIMETAL AND THEORETICAL STUDIES OF UNDEREXPANDED JETS NEAR THE MACH DISC,
AD-444 088 1A U 41 15 HC$ 4.60

NOZZLE INSERTS, HIGH-TEMPERPATURE RESEARCH
PRINCIPLES GOVERNING THE BEHAVIOR OF SOLID MATERIALS IN SEVERE HIGH TEMPERATURE ENVIRONMENTS.
AD-466 458 21H U 41 15 HC$ 6.60 MF$ 0.75

NOZZLE THROATS, COOLING
FILM AND TRANSPIRATION COOLING OF NOZZLE THROATS.
AD-634 588 20M T 66 15 HC$ 5.00 MF$ 1.00

NUCLEAR CROSS SECTIONS, MATHEMATICAL ANALYSIS
HIGH ENERGY BEHAVIOUR OF SCATTERING AMPLITUDES AND CROSS SECTIONS USING CROSSING SYMMETRY AND HOLOMORPHY IN TWO VARIABLES.
AD-634 706 20J T 66 15 HC$ 1.00 MF$ 0.50

NUCLEAR ENERGY LEVELS, STABLE ISOTOPES
CHARGE STRUCTURE OF THE CALCIUM ISOTOPES,
AD-634 295 18B T 66 15 HC$ 2.00 MF$ 0.50

NUCLEAR ENERGY, LASERS
NUCLEAR ENERGY DRIVEN LASER SYSTEMS.
AD-455 571 20E U 41 15 HC$ 5.60

NUCLEAR ENGINEERING, DATA PROCESSING SYSTEMS
DPC A TWO-DIMENSIONAL DATA PREPARATION CODE,
LA-3427 9B U 41 15 HC$ 3.00 MF$ 0.75

NUCLEAR ENGINEERING, REACTOR MATERIALS
ANNUAL REPORT, 1964.
ORNL-3900 7E U 41 15 HC$ 6.00 MF$ 1.25

NUCLEAR ENGINEERING, REPORTS
ANNUAL REPORT, JULY 1, 1965.
BNL-929 18 U 41 15 HC$ 6.00 MF$ 1.25

NUCLEAR ENGINEERING, SYMPOSIA
CONFERENCE ON THE ANNIVERSARY OF THE FIRST ATOMIC ELECTRIC POWER STATION (AES), (10TH),
AD-634 590 18I T 66 15 HC$ 1.00 MF$ 0.50

NUCLEAR EXPLOSION DAMAGE, FIRES
THERMAL EFFECTS OF NUCLEAR WEAPONS. LITERATURE SUMMARIES.
AD-634 204 15F T 66 15 HC$ 7.00 MF$ 1.50

NUCLEAR EXPLOSION DAMAGE, UNDERGROUND STRUCTURES
AIR BLAST EFFECTS ON UNDERGROUND STRUCTURES,
AD-634 468 19D T 66 15 HC$13.60 MF$ 1.00

NUCLEAR EXPLOSIONS, EXPLOSION EFFECTS
INVESTIGATION OF USE OF ACCELEROMETERS FOR TRANSIENT DISPLACEMENT MEASUREMENTS,
AD-450 999 14B U 41 15 HC$ 2.60

NUCLEAR EXPLOSIONS, SAFETY
PREDICTION OF EYE SAFE SEPARATION DISTANCES.
AD-634 723 15F T 66 15 HC$ 2.00 MF$ 0.50

NUCLEAR EXPLOSIONS, SEISMIC WAVES
THE SALMON SEISMIC EXPERIMENT,
UCRL-14487(REV.1) 18C U 41 15 HC$ 1.00 MF$ 0.50

NUCLEAR EXPLOSIONS, UNDERGROUND EXPLOSIONS
A THEORY OF SHOCK INTERACTIONS FOR MULTIPLE UNDERGROUND

NUCLEAR EXPLOSIONS AND THE RESULTING HYPOTHETICAL CRATER VOLUMES.
AD-634 674 18C T 66 15 HC$ 1.00 MF$ 0.50

NUCLEAR FUEL
THEORETICAL INVESTIGATION OF THE OPACITY OF HEAVY-ATOM GASES.
N66-14579 18J U 41 15 HC$ 3.00 MF$ 0.50

NUCLEAR INDUSTRIAL APPLICATIONS. IRRADIATED FOODS
DOSIMETRY, TOLERANCE, AND SHELF LIFE EXTENSION RELATED TO DISINFESTATION OF FRUIT AND VEGETABLES BY GAMMA IRRADIATION.
UH-235PS-1 18B U 41 15 HC$ 3.00 MF$ 0.75

NUCLEAR INDUSTRIAL APPLICATIONS. RADIOACTIVE ISOTOPES
PROCESS RADIATION DEVELOPMENT PROGRAM SUMMARIES. ANNUAL CONTRACTORS MEETING (5TH), OCTOBER 7-8, 1965.
BNL-949 7E U 41 15 HC$ 3.00 MF$ 0.75

NUCLEAR INDUSTRIAL APPLICATIONS. REACTOR MATERIALS
PROGRESS RELATING TO CIVILIAN APPLICATIONS DURING JANUARY, 1966.
BMI-1757 18B U 41 15 HC$ 2.00 MF$ 0.50

NUCLEAR PHYSICS. CHEMISTRY
NUCLEAR CHEMISTRY DIVISION ANNUAL REPORT, 1965.
UCRL-16590 18- N 20 13 HC$ 6.00 MF$ 1.50

NUCLEAR PHYSICS. RADIOBIOLOGY
ANNUAL REPORT, 1964.
ORNL-3900 7E U 41 15 HC$ 6.00 MF$ 1.25

NUCLEAR PHYSICS. REPORTS
PHYSICS DIVISION SUMMARY REPORT, APRIL-DECEMBER 1965.
ANL-7108 18D N 20 13 HC$ 4.00 MF$ 0.75

NUCLEAR PHYSICS. SCIENTIFIC RESEARCH
ANNUAL REPORT, JULY 1, 1965.
BNL-929 18 U 41 15 HC$ 6.00 MF$ 1.25

NUCLEAR PHYSICS. STANDARDS
NUCLEAR AND RADIATION STANDARDS OF IMPORTANCE TO THE NATIONAL ATOMIC ENERGY PROGRAM.
NBS-TN-283 18H U 41 15 HC$ 0.35 MF$ 0.50

NUCLEAR PHYSICS. THEORY
NUCLEAR THEORY INDEX FOR 1964.
TID-22771 18- N 20 12 HC$ 2.50 MF$ 0.75

NUCLEAR PHYSICS. THERMODYNAMICS
PHYSICS DEPARTMENT PROGRESS REPORT, JUNE-SEPTEMBER 1965.
UCRL-14538 18- N 20 13 HC$ 3.00 MF$ 0.75

NUCLEAR POWER PLANTS. DISTILLING PLANTS
ENGINEERING AND ECONOMIC FEASIBILITY STUDY FOR A COMBINATION NUCLEAR POWER AND DESALTING PLANT. SUMMARY.
TID-22330 18I U 41 15 HC$ 1.25 MF$ 1.25

NUCLEAR POWER PLANTS. GAS TURBINES
HIGH-TEMPERATURE ENERGY SYSTEMS.
TID-21596 18E U 41 15 HC$ 1.00 MF$ 0.50

NUCLEAR POWER PLANTS. MOBILE
REMOTE HANDLING OF MOBILE NUCLEAR SYSTEMS.
TID-21719 18E U 41 15 HC$ 4.50 MF$ 2.75

NUCLEAR POWER PLANTS. PROPORTIONAL COUNTERS
GAMMA-INDUCED SENSITIVITY LOSS IN THE PROPORTIONAL COUNTERS OF A NUCLEAR POWER PLANT.
AD-634 621 18D T 66 15 HC$ 1.00 MF$ 0.50

NUCLEAR POWER PLANTS. REACTOR CONTROL
CONTROL-CAB DESIGN FOR ML-1A NUCLEAR POWER PLANT: HUMAN ENGINEERING CONSIDERATIONS.
AD-634 455 18L T 66 15 HC$ 3.00 MF$ 0.75

NUCLEAR POWER PLANTS. REACTOR FUELS
PATHFINDER ATOMIC POWER PLANT. FUEL HANDLING AND TRANSFER SYSTEM DEVELOPMENT.
ACNP-64015 18E U 41 15 HC$ 4.00 MF$ 1.00

NUCLEAR POWER PLANTS. REACTOR OPERATION
FINAL HAZARDS REPORT FOR THE RCPA ELK RIVER REACTOR.
ACNP-65503 18D U 41 15 HC$ 6.00 MF$ 1.50

NUCLEAR POWER PLANTS. REACTOR STARTUP SOURCES
BOILING NUCLEAR SUPERHEATER BONUS POWER STATION ABSTRACT OF STARTUP SUMMARY REPORT (CEND/PRWRA-257).
CEND/PRWRA-257A 18I U 41 15 HC$ 2.00 MF$ 0.50

NUCLEAR POWER PLANTS. REACTOR START-UP SOURCES
BOILING NUCLEAR SUPERHEATER (BONUS) POWER STATION.
CEND/PRWRA-257 18I U 41 15 HC$ 9.00 MF$ 2.50

NUCLEAR PROPULSION. AEROSPACE CRAFT
ROVER DESTRUCT TEST THREE, ABERDEEN PROVING GROUND.
SC-CR-66-2017 21F N 20 12 HC$ 1.00 MF$ 0.50

NUCLEAR PROPULSION. SPACECRAFT DEBRIS
ROVER POSTOPERATIONAL DESTRUCT INSTRUMENTATION DEVELOPMENT.
SC-RR-65-551 21F U 41 15 HC$ 4.00 MF$ 1.00

NUCLEAR RADIATION SPECTROMETERS. GERMANIUM
DEVELOPMENT, TESTING AND EVALUATION OF GERMANIUM NUCLEAR PARTICLE DETECTORS.
AD-634 718 18D T 66 15 HC$ 4.00 MF$ 0.75

NUCLEAR REACTORS. CHEMISTRY
REACTOR CHEMISTRY DIVISION ANNUAL PROGRESS REPORT FOR PERIOD ENDING DECEMBER 31, 1965.
ORNL-3913 7E N 20 13 HC$ 5.00 MF$ 1.00

NUCLEAR REACTORS. ENGINEERING
REACTOR DEVELOPMENT PROGRAM PROGRESS REPORT, FEBRUARY 1966.
ANL-7176 11B N 20 13 HC$ 4.00 MF$ 0.75

NUCLEAR REACTORS. PIPES
IRRADIATION BEHAVIOR OF ZR-U DRIVER TUBES FOR HWCTR.
DP-994 18J U 41 15 HC$ 1.00 MF$ 0.50

NUCLEAR REACTORS. REACTOR MATERIALS
I. FURTHER INVESTIGATIONS ON THE STABILIZATION OF AQUEOUS SUSPENSIONS OF THORIUM OXIDE. II. AN ULTRA-HIGH RADIOFREQUENCY SPECTROMETER FOR THE STUDY OF AQUEOUS SOLUTIONS AND SUSPENSIONS.
NYO-10295 18I U 41 15 HC$ 2.00 MF$ 0.50

NUCLEAR REACTORS. REFUELING
AMF ON-POWER REFUELING SYSTEM FOR A AGNDU-TYPE REACTOR. PROTOTYPE REFUELING HEAD.
AMF-338-TR-4 18I U 41 15 HC$ 6.00 MF$ 1.50

NUCLEAR REACTORS. USSR
CONFERENCE ON THE ANNIVERSARY OF THE FIRST ATOMIC ELECTRIC POWER STATION (AES), (10TH).
AD-634 590 18I T 66 15 HC$ 1.00 MF$ 0.50

NUCLEAR RESONANCE. ELEMENTARY PARTICLES
THE REACTION K MINUS + P TO K + PI + N AT 1.34 BEV/C.
TID-20444 20H U 41 15 HC$ 1.00 MF$ 0.50

NUCLEAR SCATTERING. ELECTRONS
DISPERSION CORRECTIONS TO ELECTRON SCATTERING IN C12 AND O16.
PB-169 607 20H U 41 15 HC$ 3.60 MF$ 0.50

NUCLEAR SCATTERING. FIELD THEORY
THE USE OF UNITARITY IN PROVING POMERANCHUK'S THEOREM ON CROSS SECTIONS AT HIGH ENERGIES.
AD-634 705 20J T 66 15 HC$ 1.00 MF$ 0.50

NUCLEAR SCATTERING. MATHEMATICAL ANALYSIS
HIGH ENERGY BEHAVIOUR OF SCATTERING AMPLITUDES AND CROSS SECTIONS USING CROSSING SYMMETRY AND HOLOMORPHY IN TWO VARIABLES.
AD-634 706 20J T 66 15 HC$ 1.00 MF$ 0.50

NUCLEAR SPINS. FERROMAGNETISM
SIGNIFICANCE OF DIMENSIONALITY IN THE SPIN WAVE THEORY OF FERROMAGNETISM.
NBS-TN-327 20J U 41 15 HC$ 0.25 MF$ 0.50

NUCLEAR SPINS. GRAPHICS
SPIN EFFECTS ON TRIANGLE GRAPHS.
AD-634 339 20J T 66 15 HC$ 1.00 MF$ 0.50

A 'SIGMA PI PI' MASS ENHANCEMENT AND A NEARBY TRIANGLE SINGULARITY.
AD-634 340 20J T 66 15 HC$ 1.00 MF$ 0.50

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DIFFERENT ORBITALS FOR DIFFERENT SPINS. SOME RESULTS FOR THE LIH MOLECULE.
AD-634 724 7D T 66 15 HC$ 2.00 MF$ 0.50

NUCLEAR SPINS. WAVE FUNCTIONS
SOME PROPERTIES OF THE EIGENFUNCTIONS AND EIGENVALUES INTRODUCED BY BETHE FOR THE LINEAR CHAIN OF ATOMS.
NBS-TN-328 20J U 41 15 HC$ 0.25 MF$ 0.50

NUCLEAR STRUCTURE. CALCIUM
CHARGE STRUCTURE OF THE CALCIUM ISOTOPES.
AD-634 295 18B T 66 15 HC$ 2.00 MF$ 0.50

NUCLEAR WARFARE. MILITARY STRATEGY
THE STRATEGIC CONSEQUENCES OF NUCLEAR PROLIFERATION.
AD-634 741 15F T 66 15 HC$ 1.00 MF$ 0.50

NUCLEAR WEAPONS. DETONATIONS
PLUTONIUM DISPERSAL BY ACCIDENTAL OR EXPERIMENTAL LOW-ORDER DETONATION OF ATOMIC WEAPONS.
LA-1981 18H U 41 15 HC$ 2.00 MF$ 0.50

NUCLEATE BOILING. LIQUEFIED GASES
THE INCEPTION OF NUCLEATE BOILING WITH LIQUID NITROGEN.
AD-634 256 20M T 66 15 HC$ 3.00 MF$ 0.75

NUMERICAL ANALYSIS. THERMODYNAMICS
CALCULATIONS OF THE THERMAL PROPERTIES OF HYDROGEN.
LA-3364 20M N 20 13 HC$ 3.00 MF$ 0.50

NUTRITION. BIOCHEMISTRY
BIOCHEMICAL AND DIETARY PROCEDURES. FOR USE IN THE STUDY OF METABOLIC FUNCTIONS AND FOR THE EVALUATION OF NUTRITIONAL STATUS.
PB-169 808 6A U 41 15 HC$61.20

NYLON. RADIATION DAMAGE
MOLECULAR CHANGES IN POLYAMIDE AND ELASTOMERIC POLYMERS DUE TO NUCLEAR, ULTRAVIOLET AND THERMAL RADIATION.
AD-434 216 7E U 41 15 HC$ 3.60

N-HETEROCYCLIC COMPOUNDS. POLYMERS
PHOSPHIMIDAZOLENE POLYMERS.
PB-169 896 7C U 41 15 HC$ 2.60 MF$ 0.50

OCEAN MODELS. PHYSICAL CHEMISTRY
PHYSICAL CHEMISTRY OF THE DEEP OCEAN ENVIRONMENT.
AD-462 328 8J U 41 15 HC$ 1.00

OCEAN WAVES. CHESAPEAKE BAY
AN ELECTRIC ANALOGUE MODEL FOR THE STUDY OF LONG WAVES AND

SEICHES IN CHESAPEAKE BAY.
AD-469 995 8C U 41 15 HC$19.00 MF$ 1.25

OCEAN WAVES, MEASUREMENT
THE RADIOOCEANOGRAPHIC INVESTIGATION OF SEA SWELLS,
AD-634 242 8C T 66 15 HC$ 5.00 MF$ 1.00

OCEAN WAVES, SHIP HULLS
STRUCTURAL RESPONSE OF A CARRIER MODEL IN REGULAR AND RANDOM WAVES.
AD-634 511 13J T 66 15 HC$ 2.00 MF$ 0.50

OCEANOGRAPHIC EQUIPMENT, RADIO EQUIPMENT
THE RADIOOCEANOGRAPHIC INVESTIGATION OF SEA SWELLS,
AD-634 242 8C T 66 15 HC$ 5.00 MF$ 1.00

OCEANOLOGY, MULTIBAND SPECTRAL RECONNAISSANCE
OCEANOGRAPHIC SPECTRAL PHOTOGRAPHY. PART I. BASIC INVESTIGATIONS.
AD-634 748 14E T 66 15 HC$ 4.00 MF$ 0.75

OFFICER PERSONNEL, ARMY TRAINING
PROCEDURES FOR DERIVING TRAINING OBJECTIVES FOR JUNIOR OFFICERS.
AD-634 510 5I T 66 15 HC$ 6.00 MF$ 1.25

OFFICER PERSONNEL, MILITARY TRAINING
A PROGRAM OF LEADERSHIP INSTRUCTION FOR JUNIOR OFFICERS.
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OFFICER PERSONNEL, SELECTION
RESEARCH ON THE SELECTION OF OFFICER CANDIDATES AND CADETS,
AD-634 314 5I T 66 15 HC$ 2.00 MF$ 0.50

OFFICER PERSONNEL, USSR
THE IMPACT OF MODERN TECHNOLOGY ON THE SOVIET OFFICER CORPS,
AD-634 259 5I T 66 15 HC$ 1.00 MF$ 0.50

OHIO, ECONOMICS
TOURIST AND RECREATION POTENTIAL: MONROE COUNTY, OHIO,
PB-170 235 5C U 41 15 HC$ 3.00 MF$ 0.75

REVIEW AND EVALUATE SELECTED OEDPS.
PB-170 312 5C U 41 15 HC$ 7.00 MF$ 1.75

OHIO: PROVIDING PRACTICAL ASSISTANCE IN COMPREHENSIVE ECONOMIC DEVELOPMENT.
PB-170 337 5C U 41 15 HC$ 3.00 MF$ 0.50

OPERATIONS RESEARCH, COMPUTERS
AN EVALUATION OF COMMERCIAL TIME SHARING SYSTEMS.
AD-634 325 9B T 66 15 HC$ 3.00 MF$ 0.75

OPERATIONS RESEARCH, FOREIGN AID
APPLYING ANALYTIC METHODS TO PROBLEMS OF DEVELOPMENT ASSISTANCE,
AD-634 230 5D T 66 15 HC$ 1.00 MF$ 0.50

OPERATIONS RESEARCH, MANAGEMENT ENGINEERING
OPERATIONS RESEARCH IN THE DESIGN OF MANAGEMENT INFORMATION SYSTEMS.
AD-634 310 5A T 66 15 HC$ 2.00 MF$ 0.50

OPERATIONS RESEARCH, THEORY
NOTES ON OPERATIONS RESEARCH-5.
AD-634 329 12B T 66 15 HC$ 3.00 MF$ 0.50

OPERATIONS RESEARCH, TRAFFIC
SIMULATION, OPTIMIZATION AND EVALUATION OF SYSTEMS OF TRAFFIC NETWORKS.
AD-634 239 12B T 66 15 HC$ 2.00 MF$ 0.50

OPERATORS(MATHEMATICS), NUCLEAR PHYSICS
INFINITE LADDERS AND THE ALGEBRA OF INTEGRATED CURRENT COMPONENTS,
SLAC-58 12A U 41 15 HC$ 1.00 MF$ 0.50

OPERATORS(PERSONNEL, FIRE CONTROL SYSTEMS
MANNING REQUIREMENTS FOR FIRE CONTROL SYSTEMS ASSOCIATED WITH TORPEDO MK 48,
AD-634 350 5I T 66 15 HC$ 1.00 MF$ 0.50

OPTICAL COATINGS, INFRARED OPTICAL COATINGS
INFRARED COATING STUDIES.
AD-471 653 20F U 41 15 HC$ 2.60 MF$ 0.50

OPTICAL IMAGES, PATTERN RECOGNITION
STATISTICAL IMAGE RECOGNITION CONCEPT (OSIRIS).
AD-634 514 6D T 66 15 HC$ 8.60 MF$ 0.75

OPTICAL TRACKING, AERIAL TARGETS
ACCURACY OF TRACKING AIRBORNE TARGETS.
AD-634 603 17H T 66 15 HC$ 2.00 MF$ 0.50

OPTICS, INFRARED RESEARCH
BASIC AND ADVANCED INFRARED TECHNOLOGY.
AD-634 535 17E T 66 15 HC$ 5.00 MF$ 1.00

OPTIMIZATION, COMPUTERS
MATHEMATICS DIVISION ANNUAL PROGRESS REPORT FOR PERIOD ENDING DECEMBER 31, 1965.
ORNL-3919 12B N 20 12 HC$ 4.00 MF$ 0.75

OPTIMIZATION, DYNAMIC PROGRAMMING
CONTRACTION MAPPINGS IN THE THEORY UNDERLYING DYNAMIC PROGRAMMING.
AD-634 348 12B T 66 15 HC$ 2.00 MF$ 0.50

OPTIMIZATION, INVENTORY CONTROL
OPTIMAL REPLACEMENT AND INSPECTION OF STOCHASTICALLY FAILING EQUIPMENT,
AD-634 198 15E T 66 15 HC$ 4.60 MF$ 0.50

OPTIMIZATION, MECHANICS
KINEMATIC PROGRAMMING FOR RAIN.
AD-634 772 12B T 66 15 HC$ 1.00 MF$ 0.50

ORBITAL TRAJECTORIES, RESONANCE
RESONANCE EFFECTS FOR SATELLITES WITH NOMINALLY CONSTANT GROUND TRACK,
PB169 455 22C U 41 15 HC$ 2.60 MF$ 0.50

ORDNANCE, SYMPOSIA
MINUTES OF ANNUAL MEETING (8TH) HELD AT THE DAYTONA PLAZA HOTEL, DAYTONA BEACH, FLORIDA, APRIL 27 THROUGH APRIL 29, 1966.
AD-634 400 5A T 66 15 HC$ 7.55 MF$ 2.00

ORES(METAL SOURCES), MINNESOTA
FILLING GAPS IN THE EXISTING TECHNOLOGY AND RESEARCH UNDER WAY ON CUYUNA RANGE ORES.
PB-170 328 5C U 41 15 HC$ 2.00 MF$ 0.50

ORGANIC NITROGEN COMPOUNDS, PHOTOCHROMISM
LIGHT ATTENUATION BY PHOTOCHEMICAL MEANS: PHOTOCHROMISM,
AD-634 651 7E T 66 15 HC$ 1.00 MF$ 0.50

ORGANIC NITROGEN COMPOUNDS, POLYMERS
PHYSICAL AND RHEOLOGICAL PROPERTIES OF NITROSO RUBBERS.
AD-461 425 11J U 41 15 HC$ 2.60

AD-634 143 11J T 66 15 HC$ 1.00 MF$ 0.50

AD-634 144 11J T 66 15 HC$ 2.00 MF$ 0.50

SYNTHESIS AND POLYMERIZATION OF FLUORINATED SULFUR MODIFIED NITROSO RUBBER.
AD-634 728 11J T 66 15 HC$ 2.00 MF$ 0.50

ORGANIC PHOSPHORUS COMPOUNDS, CATALYSTS
A NEW TYPE OF POLYMERIZATION INVOLVING ORGANOPHOSPHORUS COMPOUNDS AS CATALYSTS.
AD-470 829 7C U 41 15 HC$ 5.60 MF$ 0.50

ORGANIC SOLVENTS, SOLUBILITY
ANALYSIS OF PETROLEUM SOLVENTS BY GAS CHROMATOGRAPHY. PART II. DETERMINATION OF AROMATIC SOLVENTS IN PETROLEUM PAINT THINNERS.
AD-634 138 11C T 66 15 HC$ 0.50 MF$ 0.50

ORGANIC SOLVENTS, SURFACES
SOLUTION SYSTEMS FOR THE DISPLACING OF ORGANIC LIQUIDS FROM SOLID SURFACES,
AD-634 425 11K T 66 15 HC$ 1.00 MF$ 0.50

ORGANIC SULFUR COMPOUNDS, CHEMICAL REACTIONS
A FACILE SYNTHESIS OF BETA-ALKOXY MERCAPTANS AND BETA-THIOALKOXY MERCAPTANS,
AD-634 583 7C T 66 15

ORGANIC SULFUR COMPOUNDS, CLEANING COMPOUNDS
BIODEGRADABLE DETERGENTS,
AD-634 619 11K T 66 15 HC$ 1.00 MF$ 0.50

OSCILLATORS, CALIBRATION
PUSH-BUTTON OSCILLATOR, 0.001 HZ TO 1.0 MHZ.
PB-169 997 14B U 41 15 HC$ 1.60 MF$ 0.50

UHF OSCILLATOR, MODEL 1361-A (GENERAL RADIO).
PB-170 204 14B U 41 15 HC$ 1.10 MF$ 0.50

AUDIO OSCILLATOR, MODEL 1311-A (GENERAL RADIO CO.).
PB-170 208 14B U 41 15 HC$ 1.60 MF$ 0.50

OSCILLOSCOPES, CALIBRATION
OSCILLOSCOPES, 535A, 545A, 545B, RM35A, RM45A, RM545B (TEKTRONIX).
PB-170 210 14B U 41 15 HC$ 3.60 MF$ 0.50

OXIDATION, PLUTONIUM
THE OXIDATION AND IGNITION OF PLUTONIUM,
RFP-491 18J N 20 12 HC$ 1.00 MF$ 0.50

OXIDIZERS, CHEMICAL PROPERTIES
HIGH ENERGY OXIDIZERS.
AD-432 061 7B U 41 15 HC$ 1.60

OXIDIZERS, CHEMISTRY
RESEARCH ON CHEMISTRY OF 03F2 AND 02F2.
AD-634 440 7B T 66 15 HC$ 3.00 MF$ 0.50

OXYGEN COMPOUNDS, FLUORIDES
RESEARCH ON CHEMISTRY OF 03F2 AND 02F2.
AD-634 440 7B T 66 15 HC$ 3.00 MF$ 0.50

OXYGEN, CARBON DIOXIDE
POTASSIUM SUPEROXIDE CANISTER EVALUATION FOR MANNED SPACE VEHICLES.
AD-289 611 6K U 41 15 HC$ 6.00

OXYGEN, CHEMICAL REACTIONS
A WIND TUNNEL INVESTIGATION OF THE NITRIC OXIDE-OXYGEN ATOM REACTION.
AD-634 312 7D T 66 15 HC$ 3.00 MF$ 0.75

OXYGEN, ELECTRON BOMBARDMENT
DISPERSION CORRECTIONS TO ELECTRON SCATTERING IN C12 AND O16,
PB-169 607 20H U 41 15 HC$ 3.60 MF$ 0.50

OXYGEN, IONIZATION
KINETICS OF IONIZATION OF OXYGEN,

AD-634 298 7D T 66 15 HC$ 1.10 MF$ 0.50

OXYGEN, REDUCTION(CHEMISTRY)
KINETICS OF THE ELECTROCHEMICAL REDUCTION OF OXYGEN.
AD-634 598 7D T 66 15 HC$ 1.10 MF$ 0.50

OXYGEN, THERAPY
THE EFFECT OF HYPERBARIC OXYGEN ON MICROORGANISMS IN VITRO AND IN VIVO.
PB-169 209 6E U 41 15 HC$ 1.00 MF$ 0.50

OZONE, ATMOSPHERIC SOUNDING
PRELIMINARY STUDY OF THE EFFECT OF OZONE ON ATMOSPHERIC TRANSMISSION IN THE RANGE 0.25 MICRON TO 0.60 MICRON.
AD-402 842 4A U 41 15 HC$ 2.60

PAINT THINNERS, ORGANIC SOLVENTS
ANALYSIS OF PETROLEUM SOLVENTS BY GAS CHROMATOGRAPHY. PART II. DETERMINATION OF AROMATIC SOLVENTS IN PETROLEUM PAINT THINNERS.
AD-634 138 11C T 66 15 HC$ 0.50 MF$ 0.50

PAINTS, TESTS
DEVELOPMENT OF AN OLIVE DRAB SOLAR HEAT REFLECTING AND LOW VISIBILITY ENAMEL.
AD-473 571 11C U 41 15 HC$ 3.60 MF$ 0.50

PAINTS, VISIBILITY
AIRCRAFT DETECTABILITY AND VISIBILITY: V. DETECTABILITY OF STIMULI COATED WITH FLUORESCENT AND ORDINARY PAINTS: A FURTHER STUDY.
AD-272 647 17H U 41 15 HC$ 2.00

AIRCRAFT DETECTABILITY AND VISIBILITY: I. VISUAL FIELDS FOR FLUORESCENT AND ORDINARY PAINTS.
PB-169 219 17H U 41 15 HC$ 2.00 MF$ 0.50

PAPER INDUSTRY, MINNESOTA
FEASIBILITY OF ESTABLISHING A NON-INTEGRATED TISSUE MANUFACTURING FACILITY AT TWO HARBORS, MINNESOTA.
PB-170 321 5C U 41 15 HC$ 5.00 MF$ 1.00

PARABOLIC ANTENNAS, POLARIZATION
A STUDY OF CROSS POLARIZATION EFFECTS IN PARABOLOIDAL ANTENNAS.
AD-634 153 9E T 66 15 HC$ 3.00 MF$ 0.75

PARACHUTE FABRICS, NYLON
SNATCH-TEARING OF FABRICS: APPARATUS, AND APPLICATION TO A LIGHT-WEIGHT FABRIC.
PB-169 452 11E U 41 15 HC$ 2.60 MF$ 0.50

PARTIAL DIFFERENTIAL EQUATIONS, RELATIVITY THEORY
THE NULL BUNDLE OF AN EINSTEIN-RIEMANN SPACE III: EXTENSION.
AD-634 257 20J T 66 15 HC$ 2.00 MF$ 0.50

PARTICLE ACCELERATOR COMPONENTS, DESIGN
A TEST OF THE ELECTRON PROPAGATOR BY MODIFICATION OF THE PRINCETON-STANFORD STORAGE RINGS.
AD-634 717 20G T 66 15 HC$ 2.00 MF$ 0.50

PARTICLE ACCELERATORS, DESIGN
ACCELERATORS OF THE FUTURE.
BNL-741(REV.) 20G U 41 15 HC$ 1.00 MF$ 0.50

PARTICLE ACCELERATORS, MAGNETIC PROPERTIES
MAGNETIC CHARACTERISTICS OF THE ACCELERATOR QUADRUPOLE TRIPLETS.
SLAC-55 20G U 41 15 HC$ 2.00 MF$ 0.50

PARTICLE ACCELERATORS, SHIELDING
EXPERIMENTAL SHIELDING STUDY OF THE ARGONNE 12.5-MEV TANDEM VAN DE GRAAFF INSTALLATION.
ANL-7139 6R N 20 13 HC$ 1.00 MF$ 0.50

PARTICLE ACCELERATORS, STORAGE
LA CONSTRUCTION DE L'ANNEAU DE STOCKAGE ACO D'ORSAY. I: ETAT DES TRAVAUX. II: SYSTEMES DE DETECTION (CONSTRUCTION OF THE ORSAY ACO STORAGE RING. I: PROGRESS REPORT. II: DETECTING SYSTEMS).
PB-169 888 20G U 41 15 HC$ 1.60 MF$ 0.50

PARTICLE BEAMS, FOCUSING
MAGNETIC FIELD MEASUREMENT AND SPECTROSCOPY IN MULTIPOLE FIELDS.
SLAC-39 20G U 41 15 HC$ 3.00 MF$ 0.75

PATTERN RECOGNITION, ARTIFICIAL INTELLIGENCE
TRAINING A LINEAR MACHINE ON MISLABELED PATTERNS.
AD-634 484 6D T 66 15 HC$ 4.00 MF$ 0.75

PATTERN RECOGNITION, LEARNING MACHINES
APPLICATIONS OF A METHOD OF PATTERN RECOGNITION TO BIOMEDICAL PROBLEMS.
PB-170 494 6D U 41 15 HC$ 1.10 MF$ 0.50

PATTERN RECOGNITION, OPTICAL IMAGES
STATISTICAL IMAGE RECOGNITION CONCEPT (OSIRIS).
AD-634 514 6D T 66 15 HC$ 8.60 MF$ 0.75

PAVEMENTS, DESIGN
BASIS OF RIGID PAVEMENT DESIGN FOR MILITARY AIRFIELDS.
AD-634 614 1E T 66 15 HC$ 3.00 MF$ 0.75

PENNSYLVANIA, CHEMICAL INDUSTRY
FEASIBILITY STUDY OF CHEMICAL INDUSTRY IN SOUTHWESTERN PENNSYLVANIA.
PB-170 298 5C U 41 15 HC$ 5.00 MF$ 1.00

PENNSYLVANIA, COMMERCE
ECONOMIC FEASIBILITY OF ESTABLISHING A REGIONAL DISTRIBUTION CENTER IN THE GREATER WILKES-BARRE, PENNSYLVANIA AREA, ITS ECONOMIC IMPACT AND THE PHYSICAL FACILITY.
PB-170 319 5C U 41 15 HC$ 3.00 MF$ 0.75

PENNSYLVANIA, ECONOMICS
A CONSERVATION EDUCATION AREA, PRINCE GALLITZIN STATE PARK, CAMBRIA COUNTY, PENNSYLVANIA.
PB-170 052 5C U 41 15 HC$ 1.00 MF$ 0.50

TOURIST AND RECREATION POTENTIAL: THE JUNIATA MOUNTAINS AREA SOUTH CENTRAL PENNSYLVANIA (BEDFORD, BLAIR, CENTRE, FULTON, HUNTINGDON, JUNIATA, MIFFLIN AND PERRY COUNTIES).
PB-170 232 5C U 41 15 HC$ 4.00 MF$ 0.75

DEVELOPMENT PLAN FOR MAUCH CHUNK CREEK WATERSHED AREA, CARBON COUNTY, PA.
PB-170 251 5C U 41 15 HC$ 4.00 MF$ 0.75

PENNSYLVANIA, INDUSTRIES
COMMUNITY ASSISTANCE TO EXISTING INDUSTRY, A STRATEGY AND FEASIBILITY STUDY.
PB-170 314 5C U 41 15 HC$ 2.00 MF$ 0.50

PENNSYLVANIA, RECREATION
OUTDOOR RECREATION RESOURCES OF SOUTHERN LAUREL HIGHLANDS, PENNSYLVANIA. VOLUME I. FINDINGS AND RECOMMENDATIONS.
PB-170 280 5C U 41 15 HC$ 3.00 MF$ 0.75

OUTDOOR RECREATION RESOURCES OF SOUTHERN LAUREL HIGHLANDS, PENNSYLVANIA. VOLUME II, SECTION A. ECONOMIC ASPECTS. SECTION B. HISTORIC STUDY. SECTION C. SUPPORTING DATA TO THE FINDINGS AND RECOMMENDATIONS.
PB-170 281 5C U 41 15 HC$ 5.00 MF$ 1.00

PERFORMANCE TESTS, SPACE FLIGHT
CHIMPANZEE PERFORMANCE DURING EIGHT DAYS OF SIMULATED ORBITAL FLIGHT.
AD-430 655 6C U 41 15 HC$ 2.60

PERFORMANCE(HUMAN), PUBLIC OPINION
VALIDITY OF PEER NOMINATIONS IN PREDICTING A DISTANT PERFORMANCE CRITERION.
AD-634 174 5J T 66 15

PERIODICALS, BIOLOGY
CITATION OF RUSSIAN LITERATURE IN 25 SELECTED U. S. BIOLOGICAL SCIENCES JOURNALS FOR THE YEARS 1959, 1960, AND 1961.
PB-169 558 5B U 41 15 HC$ 1.60 MF$ 0.50

PERIODICALS, MEDICINE
MODERATELY AND HEAVILY USED BIO-MEDICAL JOURNALS.
PB-169 699 5B U 41 15 HC$ 1.60 MF$ 0.50

PERSONNEL MANAGEMENT, AIR TRAFFIC CONTROLLERS
PROBLEMS IN AIR TRAFFIC MANAGEMENT: VII. JOB AND TRAINING PERFORMANCE OF AIR TRAFFIC CONTROL SPECIALISTS, MEASUREMENT, STRUCTURE, AND PREDICTION.
PB-169 872 5I U 41 15 HC$ 1.60 MF$ 0.50

PERSONNEL MANAGEMENT, EMPLOYMENT
SMALL COMPANY STRATEGY IN MINORITY GROUP EMPLOYMENT.
AD-634 258 5I T 66 15 HC$ 1.00 MF$ 0.50

PHASE METERS, CALIBRATION
PHASE METERS: PHAZOR MODELS 100A, 200A (INDUSTRIAL TEST EQUIPMENT CO.).
PB-169 993 14B U 41 15 HC$ 1.60 MF$ 0.50

PHENANTHRENES, IONIZATION
DELAYED IONIZATION OF EXCITED PHENANTHRENE AND ANTHRACENE IN SOLUTION.
AD-634 573 7D T 66 15

PHENOLIC PLASTICS, BIBLIOGRAPHIES
CROSSLINKING, THERMAL AND MECHANICAL PROPERTIES OF THERMOPLASTIC AND PHENOLIC RESIN SYSTEMS: A BIBLIOGRAPHY.
AD-634 234 11I T 66 15 HC$ 2.00 MF$ 0.50

PHENYL ETHERS, POLYMERIZATION
ADVANCED POLYMER RESEARCH TO DEVELOP POLYMERS FOR USE IN COATINGS EXPOSED TO EXTREME ENVIRONMENTS.
AD-470 146 11C U 41 15 HC$ 3.60 MF$ 0.50

PHENYLALANINE, BORIC ACIDS
AROMATIC BORONIC ACIDS. SYNTHESIS OF OMICRON-BORONOPHENYLALANINE.
COO-314-11 7C U 41 15 HC$ 1.00 MF$ 0.50

PHILIPPINES, CLIMATOLOGY
STUDIES OF THE ECOLOGY OF CLARK AB, CENTRAL LUZON, R.P. I. CLIMATOLOGY.
AD-634 391 4B T 66 15 HC$ 2.00 MF$ 0.50

PHONETICS, EASTERN EUROPE
COMPOUNDING AS A PHONOLOGICAL PROCESS.
PB-170 491 5G U 41 15 HC$ 1.10 MF$ 0.50

PHONETICS, SOUND PITCH
PITCH VARIATIONS IN VOCODED VOICE.
AD-634 162 5G T 66 15 HC$ 2.00 MF$ 0.50

PHONONS, QUANTUM MECHANICS
FULLY SECOND-QUANTIZED HAMILTONIAN FOR INTERACTING ELECTRONS AND PHONONS.
AD-455 960 20J U 41 15 HC$ 1.60

PHONONS, THEORY
PHONON CASCADE THEORY.
AD-634 445 20J T 66 15 HC$ 3.00 MF$ 0.50

PHOSPHATES, VISCOSITY
THE VISCOSITIES OF SOLUTIONS OF ACIDS IN TRI-N-BUTYLPHOSPHATE.
TID-20400 7A U 41 15 HC$ 1.00 MF$ 0.50

PHOSPHORUS COMPOUNDS, FERROCENES
FERROCENE CHEMISTRY OF PHOSPHORUS AND BORON.
AD-634 641 7B T 66 15 HC$ 1.00 MF$ 0.50

PHOSPHORUS COMPOUNDS, POLYMERS
NITROGEN-PHOSPHOROUS POLYMERS.
AD-634 363 7B T 66 15 HC$ 2.00 MF$ 0.50

PHOTOCATHODES, PREPARATION
RESEARCH STUDY FOR INCREASING THE SENSITIVITY OF PHOTOEMITTERS.
AD-416 686 9A U 41 15 HC$ 3.60

AD-430 212 9A U 41 15 HC$ 3.60

AD-430 919 9A U 41 15 HC$ 3.60

AD-439 853 9A U 41 15 HC$ 4.60

PHOTOCHROMISM, CHEMISTRY
LIGHT ATTENUATION BY PHOTOCHEMICAL MEANS: PHOTOCHROMISM.
AD-634 651 7E T 66 15 HC$ 1.00 MF$ 0.50

PHOTOCONDUCTIVITY, COBALT
ENERGY LEVELS AND NEGATIVE PHOTOCONDUCTIVITY IN COBALT-DOPED SILICON.
AD-634 579 20L T 66 15

PHOTOELECTRIC EFFECT, POLYCYCLIC COMPOUNDS
DELAYED IONIZATION OF EXCITED PHENANTHRENE AND ANTHRACENE IN SOLUTION.
AD-634 573 7D T 66 15

PHOTOELECTRIC EFFECT, SENSITIVITY
RESEARCH STUDY FOR INCREASING THE SENSITIVITY OF PHOTOEMITTERS.
AD-416 686 9A U 41 15 HC$ 3.60

AD-430 212 9A U 41 15 HC$ 3.60

AD-430 919 9A U 41 15 HC$ 3.60

AD-439 853 9A U 41 15 HC$ 4.60

PHOTOGRAMMETRY, MOON
COMMUNICATIONS OF THE LUNAR AND PLANETARY LABORATORY, VOLUME 4, PART 2.
AD-634 501 3B T 66 15 HC$ 3.00 MF$ 0.75

PHOTOGRAMMMTRY, PHOTOGRAPHIC EQUIPMENT
EXHIBITION OF CONTEMPORARY GEODETIC AND PHOTOGRAMMETRIC INSTRUMENTS.
AD-634 284 14B T 66 15 HC$ 1.00 MF$ 0.50

PHOTOGRAPHIC ANALYSIS, PROGRAMMING(COMPUTERS)
A METHOD FOR AUTOMATIC ANALYSIS OF DATA ON THE KINETICS OF FAST CHEMICAL REACTIONS IN THE FORM OF PICTURES OF OSCILLOSCOPE TRACES.
ANL-7113 7D U 41 15 HC$ 1.00 MF$ 0.50

PHOTOGRAPHIC EQUIPMENT, LOGISTICS
MODERNIZATION OF REPRODUCTION TRAINS.
AD-634 184 14E T 66 15 HC$ 2.00 MF$ 0.50

PHOTOGRAPHIC EQUIPMENT, PHOTOGRAMMMTRY
EXHIBITION OF CONTEMPORARY GEODETIC AND PHOTOGRAMMETRIC INSTRUMENTS.
AD-634 284 14B T 66 15 HC$ 1.00 MF$ 0.50

PHOTOGRAPHIC RECORDING SYSTEMS, GEOGRAPHY
MILITARY IMPLICATIONS OF SEASONAL ENVIRONMENTAL CHANGE AS REVEALED THROUGH TIME-LAPSE PHOTOGRAPHY.
AD-634 676 15D T 66 15 HC$ 1.00 MF$ 0.50

PHOTOSYNTHESIS, EXCITATION
MIGRATION AND TRAPPING OF EXCITATION QUANTA IN PHOTOSYNTHETIC UNITS.
AD-634 537 6A T 66 15 HC$ 4.00 MF$ 0.75

PHOTOSYNTHESIS, PARAMAGNETIC RESONANCE
QUANTUM CONVERSION IN PHOTOSYNTHESIS ELECTRON PARAMAGNETIC RESONANCE INVESTIGATIONS.
UCRL-16492 6A N 20 13 HC$ 3.00 MF$ 0.75

PILOTS, ADAPTATION(PHYSIOLOGY)
RESPONSES TO CORIOLIS STIMULATION IN FLYING PERSONNEL WITH DIFFERENT LEVELS OF PROFICIENCY.
AD-634 406 6S T 66 15 HC$ 1.00 MF$ 0.50

PIONS, DECAY SCHEMES
OBSERVATION OF INTERFERENCE BETWEEN POSITIVE-PION NEGATIVE-PION AMPLITUDES FROM K-L DECAY AND COHERENT REGENERATION.
AD-634 496 20H T 66 15 HC$ 3.00 MF$ 0.75

PIPES, DESIGN
MINIMUM WEIGHT DESIGN FOR COMPOSITE TUBES.
AD-634 656 20K T 66 15 HC$ 1.00 MF$ 0.50

PIPES, NUCLEAR POWER PLANTS
POWER REACTOR PROGRAM. DEVELOPMENT OF FABRICATION PROCESS FOR DRIVER TUBES FOR THE HWCTR.
NMI-7263 18E U 41 15 HC$ 3.00 MF$ 0.75

PIPES, PROPULSION
AN OPTIMIZATION STUDY OF AN EXPLOSIVE-DRIVEN PILE.
AD-634 738 13H T 66 15 HC$ 2.00 MF$ 0.50

PITCH DISCRIMINATION, TRAINING
PRACTICE EFFECTS, KNOWLEDGE OF RESULTS AND TRANSFER IN PITCH DISCRIMINATION.
AD-634 221 5I T 66 15 HC$ 2.00 MF$ 0.50

PLANTS(BOTANY), BIOCHEMISTRY
QUANTUM CONVERSION IN PHOTOSYNTHESIS ELECTRON PARAMAGNETIC RESONANCE INVESTIGATIONS.
UCRL-16492 6A N 20 13 HC$ 3.00 MF$ 0.75

PLASMA ACCELERATORS, MAGNETOHYDRODYNAMICS
MAGNETOHYDRODYNAMIC PROPULSION.
AD-634 253 20I T 66 15 HC$ 2.00 MF$ 0.50

PLASMA GENERATORS, RADIOFREQUENCY OSCILLATORS
THE EFFICIENT UTILIZATION OF AN RF POWER OSCILLATOR FOR PRODUCING LOW-PRESSURE PLASMAS.
AD-634 263 20I T 66 15 HC$ 1.00 MF$ 0.50

PLASMA MEDIUM, ANALYSIS
FABRY-PEROT INTERFEROMETER IN THE MICROWAVE REGION OF THE SPECTRUM AND ITS USE FOR PLASMA DIAGNOSTICS.
AD-634 229 20I T 66 15 HC$ 1.00 MF$ 0.50

PLASMA MEDIUM, EXCITATION
PARAMETRIC EFFECTS OF RADIATION ON A PLASMA.
AD-634 274 20I T 66 15 HC$ 2.00 MF$ 0.50

PLASMA MEDIUM, KINETIC THEORY
A KINETIC THEORETICAL INVESTIGATION OF A FULLY IONIZED GAS. PART I. PARADOXES IN THE B-B-G-K-Y HIERARCHY.
AD-460 839 20I U 41 15 HC$ 6.60

A KINETIC THEORETICAL INVESTIGATION OF A FULLY IONIZED GAS. PART II. SOME ASPECTS OF MULTIPLE COLLISIONS.
AD-464 742 20I U 41 15 HC$ 7.60

PLASMA MEDIUM, LANGMUIR PROBES
THEORY OF SPHERICAL AND CYLINDRICAL LANGMUIR PROBES IN A COLLISIONLESS, MAXWELLIAN PLASMA AT REST.
AD-634 596 20I T 66 15 HC$ 6.00 MF$ 1.25

PLASMA MEDIUM, SIMULATION
STABLE DENSE COLD PLASMA.
AD-417 361 20I U 41 15 HC$ 6.60

PLASMA MEDIUM, TEMPERATURE
TEMPERATURE DISTRIBUTION IN A POISEUILLE PLASMA ARC.
PB-169 897 20I U 41 15 HC$ 4.60 MF$ 0.50

PLASMA MEDIUM, TRANSPORT PROPERTIES
NONEQUILIBRIUM EFFECTS ON ENERGY TRANSFER IN AN IONIZED FLUID FLOW.
AD-634 767 20I T 66 15 HC$ 4.00 MF$ 1.00

PLASMA PHYSICS, ARGON
THE SURFACE RESISTANCE OF HIGH-CURRENT MICROWAVE DISCHARGES IN ARGON.
AD-403 653 20I U 41 15 HC$ 5.60

PLASMA PHYSICS, CYCLOTRON RESONANCE PHENOMENA
SINGLE PULSE RESPONSE OF A PLASMA.
AD-634 287 20I T 66 15 HC$ 1.00 MF$ 0.50

PLASMA PHYSICS, MAGNETIC PINCH
SPHERICAL HARMONIC REDUCTION OF THE FOKKER-PLANCK EQUATION.
LA-3437 18A U 41 15 HC$ 2.00 MF$ 0.50

PLASMA PHYSICS, STABILITY
STABILITY OF A BUMPY LINEAR, BETA YIELDS 1, THETA-PINCH.
LA-3442 18A U 41 15 HC$ 1.00 MF$ 0.50

PLASMA PHYSICS, THERMONUCLEAR REACTIONS
THERMONUCLEAR DIVISION SEMIANNUAL PROGRESS REPORT FOR PERIOD ENDING OCTOBER 31, 1965.
ORNL-3908 18A U 41 15 HC$ 5.00 MF$ 1.00

CONTROLLED THERMO-NUCLEAR RESEARCH.
UCRL-14285 18A U 41 15 HC$ 4.00 MF$ 1.00

PLASMA SHEATH, SATELLITES(ARTIFICIAL
EXISTENCE OF PLASMA CLOUDS AROUND SATELLITES.
AD-634 500 20I T 66 15 HC$16.50 MF$ 1.00

PLASTIC COATINGS, PREPARATION
ADVANCED POLYMER RESEARCH TO DEVELOP POLYMERS FOR USE IN COATINGS EXPOSED TO EXTREME ENVIRONMENTS.
AD-470 146 11C U 41 15 HC$ 3.60 MF$ 0.50

PLASTICITY, RODS
IMPACT ON RODS OF NON-LINEAR VISCOPLASTIC MATERIAL NUMERICAL AND APPROXIMATE SOLUTIONS.
AD-634 700 20K T 66 15 HC$ 2.00 MF$ 0.50

PLASTICIZERS, DEFECTS(MATERIALS)
POLYVINYL PLASTISOL QUALITY STUDY.
Y-1508 18J U 41 15 HC$ 2.00 MF$ 0.50

PLASTICS, BALLOONS
MER J II BALLOON FLIGHTS: HIGH ALTITUDE BALLOON RESEARCH.
AD-634 216 1C T 66 15 HC$ 1.00 MF$ 0.50

PLASTICS, INFRARED SPECTROSCOPY
INFRARED SPECTRA OF PLASTICS AND RESINS. PART 2 - MATERIALS DEVELOPED SINCE 1954.
AD-634 427 11I T 66 15 HC$ 2.00 MF$ 0.50

PLASTICS, MECHANICAL PROPERTIES
POLYIMIDES.

AD-463 880 11I U 41 15 HC$ 1.00

PLASTICS, MOLDING
EFFECTS OF TEMPERATURE ON FILLED EPOXY ENCAPSULATION MATERIALS,
BDX-613-11 18J U 41 15 HC$ 1.00 MF$ 0.50

PLASTICS, SOLID STATE PHYSICS
ANNUAL REPORT OF THE JAPANESE ASSOCIATION FOR RADIATION RESEARCH ON POLYMERS, VOLUME 4, 1962.
AEC-TR-6520 7E U 41 15 HC$ 7.32 MF$ 2.00

PLASTICS, SUBMARINE HULLS
A PHOTOELASTIC INVESTIGATION OF DEEP SUBMERGENCE WINDOWS.
AD-634 403 13J T 66 15 HC$ 3.00 MF$ 0.50

PLASTICS, WOOD
PROCEEDINGS OF INFORMATION MEETING ON IRRADIATED WOOD-PLASTIC MATERIALS HELD AT CONRAD HILTON HOTEL, CHICAGO, ILLINOIS, SEPTEMBER 15, 1965.
ORNL-IIC-7 18B N 20 12 HC$ 2.00 MF$ 0.75

PLATICIZERS, DEFECTS(MATERIALS)
POLYVINYL PLASTISOL QUALITY STUDY,
Y-1508 18J U 41 15 HC$ 2.00 MF$ 0.50

PLATINUM, CATALYSIS
FUEL CELL CATALYSTS.
AD-461 362 10B U 41 15 HC$ 9.60

PLATINUM, ELECTRON BOMBARDMENT
RADIATION DAMAGE IN PT PRODUCED BY 1.8-3.0-MEV ELECTRONS.
AD-634 268 20H T 66 15

PLUTONIUM COMPOUNDS, ABSTRACTS
PLUTONIUM ABSTRACTS. VOLUME 6, NUMBER 2.
BNWL-113-14 7E N 20 13 HC$ 2.00 MF$ 0.50

PLUTONIUM COMPOUNDS, CHEMICAL REACTIONS
REACTION AVEC L'AZOTE DES CARBURES D'URANIUM ET DE PLUTONIUM (REACTION OF URANIUM AND PLUTONIUM CARBIDES WITH NITROGEN),
PB-169 891 7E U 41 15 HC$ 3.60 MF$ 0.50

PLUTONIUM COMPOUNDS, CHLORIDES
STIRRED-BED GAS-SOLIDS REACTOR FOR PREPARING PLUTONIUM TRICHLORIDE,
RL-SEP-414 18I U 41 15 HC$ 1.00 MF$ 0.50

PLUTONIUM COMPOUNDS, PEROXIDES
THE IMPURITY ANALYSIS OF PLUTONIUM PEROXIDE AND PLUTONIUM FLUORIDE,
RFP-599 7D U 41 15 HC$ 1.00 MF$ 0.50

PLUTONIUM, ABSTRACTS
PLUTONIUM ABSTRACTS. VOLUME 5, NUMBER 12.
BNWL-113-12 7E U 41 15 HC$ 2.00 MF$ 0.50

PLUTONIUM ABSTRACTS. VOLUME 6, NUMBER 1.
BNWL-113-13 7E U 41 15 HC$ 2.00 MF$ 0.50

PLUTONIUM, CHEMICAL ANALYSIS
SPECTROPHOTOMETRIC DETERMINATION OF MICROGRAM AMOUNTS OF THORIUM IN PLUTONIUM,
LA-3469 7B U 41 15 HC$ 1.00 MF$ 0.50

PLUTONIUM, CHLORINATION
CRITICAL TEMPERATURE OF PLUTONIUM-CHLORINATED SOLVENT REACTIONS,
RFP-688 7B U 41 15 HC$ 1.00 MF$ 0.50

PLUTONIUM, ELECTROLYTIC CELLS
CERAMIC CELLS AND ACCESSORIES FOR ELECTROWINNING AND ELECTROREFINING OF PLUTONIUM METAL,
RL-SEP-824 18J N 20 12 HC$ 2.00 MF$ 0.50

PLUTONIUM, FLUORINATION
LABORATORY INVESTIGATIONS IN SUPPORT OF FLUID-BED FLUORIDE VOLATILITY PROCESSES. PART IX. THE FLUID-BED FLUORINATION OF PLUTONIUM-CONTAINING SIMULATED OXIDIC NUCLEAR FUEL IN A 1 1/2-INCH-DIAMETER REACTOR,
ANL-7077 18J U 41 15 HC$ 2.00 MF$ 0.50

PLUTONIUM, IGNITION
THE OXIDATION AND IGNITION OF PLUTONIUM,
RFP-491 18J N 20 12 HC$ 1.00 MF$ 0.50

PLUTONIUM, NITROGEN COMPOUNDS
THE DETERMINATION OF NITRIDE NITROGEN IN PLUTONIUM METAL, ALLOYS, AND COMPOUNDS,
LA-3452 7A U 41 15 HC$ 1.00 MF$ 0.50

PLUTONIUM, REACTOR FUELS
SAXTON PLUTONIUM PROGRAM.
WCAP-3385-5 18H U 41 15 HC$ 4.00 MF$ 0.75

PLUTONIUM, RECOVERY
RECOVERY OF PLUTONIUM FROM GRAPHITE,
RFP-598 18B U 41 15 HC$ 2.00 MF$ 0.50

PLUTONIUM, SPECTROPHOTOMETERS
SEPARATION AND SPECTROPHOTOMETRIC MEASUREMENT OF 0.5 TO 10 PARTS PER MILLION OF THORIUM IN PLUTONIUM,
LA-3466 18J N 20 13 HC$ 2.00 MF$ 0.50

PNEUMATIC DEVICES, HIGH-PRESSURE RESEARCH
SURVEY OF AVAILABLE HIGH PRESSURE PNEUMATIC COMPONENTS (5,000 PSI AND UP),
AD-472 407 13G U 41 15 HC$ 2.75 MF$ 1.25

POLAR ORBIT TRAJECTORIES, ATMOSPHERE ENTRY
PROBABILITY DISTRIBUTIONS OF LATTICES OF REENTRY AND IMPACT FOLLOWING DECAY OF POLAR ORBITS,
SC-RR-66-41 22C U 41 15 HC$ 2.00 MF$ 0.50

POLAR REGIONS, HANDBOOKS
POLAR MANUAL. ARCTIC AND ANTARCTIC LIVING CONDITIONS, PERSONNEL SELECTION, HYGIENE AND SANITATION, CLOTHING, NUTRITION, SUPPLIES AND EQUIPMENT, VISUAL DISABILITIES AND COLD INJURIES, FIRST AID, SAFETY, AND SURVIVAL.
AD-634 266 6S T 66 15 HC$ 5.00 MF$ 1.00

POLITICAL SCIENCE, COMMUNISM
ANTICIPATED CHANGES IN COMMUNIST NATIONS,
AD-279 919 5D U 41 15 HC$ 3.60

POLITICAL SCIENCE, LATIN AMERICA
LATIN AMERICAN AND INDIAN POLITICAL ECONOMY COMPARED: SOME COMPARISONS DERIVED FROM K. B. GRIFFIN'S 'REFLECTIONS ON LATIN AMERICAN DEVELOPMENT,'
AD-634 244 5D T 66 15 HC$ 1.00 MF$ 0.50

POLITICAL SCIENCE, PUBLIC OPINION
THE FUTURES OF THE COLD WAR - SOME RESULTS OF PROJECT OUTCOMES -,
AD-279 464 5D U 41 15 HC$ 6.60

POLYAMIDE PLASTICS, RADIATION DAMAGE
MOLECULAR CHANGES IN POLYAMIDE AND ELASTOMERIC POLYMERS DUE TO NUCLEAR, ULTRAVIOLET AND THERMAL RADIATION.
AD-434 216 7E U 41 15 HC$ 3.60

POLYESTER PLASTICS, COMPOSITE MATERIALS
EFFECT OF TEMPERATURE AND RATE OF LOADING ON THE TENSILE PROPERTIES OF GLASS-REINFORCED POLYESTER,
AD-451 322 11D U 41 15 HC$ 1.60

POLYESTER PLASTICS, PAINT THINNERS
ANALYSIS OF PETROLEUM SOLVENTS BY GAS CHROMATOGRAPHY. PART II. DETERMINATION OF AROMATIC SOLVENTS IN PETROLEUM PAINT THINNERS.
AD-634 138 11C T 66 15 HC$ 0.50 MF$ 0.50

POLYMERIZATION, CATALYSTS
A NEW TYPE OF POLYMERIZATION INVOLVING ORGANOPHOSPHORUS COMPOUNDS AS CATALYSTS.
AD-470 829 7C U 41 15 HC$ 5.60 MF$ 0.50

POLYMERS, DEGRADATION
THERMAL DEGRADATION OF AN AROMATIC POLYPYROMELLITIMIDE IN AIR AND VACUUM: I. RATES AND ACTIVATION ENERGIES,
AD-447 561 7D U 41 15 HC$ 3.60

POLYMERS, FLUID FLOW
A CRITICAL SURVEY OF LITERATURE CONCERNING THE TOMS' EFFECT.
AD-634 529 20D T 66 15 HC$ 2.00 MF$ 0.50

POLYMERS, FRICTION
FRICTION STUDIES OF POLYMER SOLUTIONS,
AD-634 682 11H T 66 15 HC$ 1.00 MF$ 0.50

POLYMERS, IMIDES
POLYIMIDES,
AD-463 880 11I U 41 15 HC$ 1.00

POLYMERS, P-HETEROCYCLIC COMPOUNDS
PHOSPHIMIDAZOLENE POLYMERS,
PB-169 896 7C U 41 15 HC$ 2.60 MF$ 0.50

POLYMERS, TRANSFORMATIONS
GLASS TRANSITION IN POLYMERS,
AD-469 073 11I U 41 15 HC$13.60 MF$ 1.00

POLYNOMIALS, FUNCTIONAL ANALYSIS
POLYNOMIAL APPROXIMATIONS TO FUNCTIONALS IN THE THEORY OF MATERIALS WITH MEMORY.
AD-634 489 20K T 66 15 HC$ 1.00 MF$ 0.50

POLYNOMIALS, NUMERICAL ANALYSIS
RSSR ROUTINE, A ROOT-SQUARING AND SUBRESULTANT PROCEDURE FOR FINDING ZEROS OF REAL POLYNOMIALS,
ANL-6987 9B N 20 13 HC$ 3.00 MF$ 0.75

POLYVINYL CHLORIDE, QUALITY CONTROL
POLYVINYL PLASTISOL QUALITY STUDY,
Y-1508 18J U 41 15 HC$ 2.00 MF$ 0.50

POLYVINYL CHLORIDE, QULITY CONTROL
POLYVINYL PLASTISOL QUALITY STUDY,
Y-1508 18J U 41 15 HC$ 2.00 MF$ 0.50

POSITION FINDING, ASTRONOMICAL GEODESICS
A GEOMETRIC SIMULTANEOUS MULTISTATION DETERMINATION, WITH CONSTRAINTS, USING DATA FROM GEODETIC SATELLITES,
AD-634 679 8E T 66 15 HC$ 1.00 MF$ 0.50

POSITION FINDING, GUIDED MISSILE TRACKING SYSTEMS
ON A RELATIONSHIP BETWEEN THE ERRORS OF POSITION, VELOCITY AND ACCELERATION,
AD-634 638 16B T 66 15 HC$ 1.00 MF$ 0.50

POSITIONING DEVICES(MACHINERY), LASERS
POSITION MONITORING DEVICES,
Y-1506 18D N 20 12 HC$ 2.00 MF$ 0.50

POSITRONS, NUCLEAR SPECTORSCOPY
POSITRON SPECTRUM FROM MUON DECAY.
AD-634 351 20H T 66 15 HC$ 5.00 MF$ 1.00

POTENTIOMETERS, CALIBRATION
PORTABLE MILLIVOLT POTENTIOMETER: MODEL 8686 (LEEDS AND NORTHRUP).
PB-170 203 14B U 41 15 HC$ 1.60 MF$ 0.50

POTOMAC RIVER, WATER SUPPLIES
CLARIFICATION OF POTOMAC RIVER WATER WITH CATIONIC POLYELECTROLYTES,
AD-634 633 13B T 66 15 HC$ 1.00 MF$ 0.50

POWDER METALLURGY, CERAMIC MATERIALS
PRODUCTION ENGINEERING MEASURE FOR BERYLLIUM OXIDE AND PARTS PRODUCED FROM IMPORTED ORES.
AD-634 354 13H T 66 15 HC$ 4.00 MF$ 0.75

POWDER METALLURGY, REACTOR FUELS
POWER METALLURGY OF URANIUM MONOCARBIDE,
Y-1510 18J N 20 12 HC$ 2.00 MF$ 0.50

POWDER METALS, THERMAL CONDUCTIVITY
THERMAL CONDUCTIVITY OF MAGNESIA, ALUMINA, AND ZIRCONIA POWDERS IN AIR AT ATMOSPHERIC PRESSURE FROM 200 DEG F TO 1500 DEG F.
ORNL-3510 20H N 20 13 HC$ 6.00 MF$ 1.25

POWDERS, ADHESION
ULTRA HIGH VACUUM ADHESION AND FRICTION,
AD-634 678 8H T 66 15 HC$ 1.00 MF$ 0.50

POWER REACTORS, CRITICAL ASSEMBLIES
A CRITICALITY ANALYSIS OF THE ROMASHKA REACTOR.
AD-634 506 18L T 66 15 HC$ 3.00 MF$ 0.75

POWER REACTORS, DISTILLING PLANTS
ENGINEERING FEASIBILITY AND ECONOMIC STUDY FOR DUAL-PURPOSE ELECTRIC POWER-WATER DESALTING PLANT FOR ISRAEL.
66-1-RE 18L N 20 12 HC$ 2.00 MF$ 1.75

POWER REACTORS, PIPES
POWER REACTOR PROGRAM. DEVELOPMENT OF FABRICATION PROCESS FOR DRIVER TUBES FOR THE HWCTR,
NMI-7263 18E U 41 15 HC$ 3.00 MF$ 0.75

POWER REACTORS, RADIOACTIVE ISOTOPES
RADIOISOTOPE PRODUCTION CAPABILITIES OF U. S. POWER REACTORS,
DP-1015 18B U 41 15 HC$ 2.00 MF$ 0.50

POWER REACTORS, REACTOR FUELS
UNIT OPERATIONS SECTION QUARTERLY PROGRESS REPORT, JULY-SEPTEMBER 1965,
ORNL-3916 18J N 20 12 HC$ 3.00 MF$ 0.75

POWER REACTORS, REACTOR OPERATION
PIQUA NUCLEAR POWER FACILITY REACTOR OPERATIONS, ANAYLIS PROGRAM.
NAA-SR-11628 18I U 41 15 HC$ 4.00 MF$ 1.00

PRESSURE, TURBULENCE
SPECTRUM OF PRESSURE FLUCTUATIONS IN A TURBULENT FLOW,
AD-634 302 20D T 66 15 HC$ 1.00 MF$ 0.50

PRESSURIZED WATER REACTORS, NUCLEAR ENGINEERING
PRESSURIZED WATER REACTOR (PWR) PROJECT.
WAPD-MRP-114 18I U 41 15 HC$ 2.50 MF$ 0.75

PRESSURIZED WATER REACTORS, REACTOR FUELS
SAXTON PLUTONIUM PROGRAM.
WCAP-3385-6 18J U 41 15 HC$ 2.00 MF$ 0.50

PRESSURIZED WATER REACTORS, REACTOR SYSTEM COMPONENTS
PRESSURIZED WATER REACTOR (PWR) PROJECT.
WAPD-MRP-115 18I U 41 15 HC$ 4.00 MF$ 0.75

PRIMERS, DETONATIONS
PRIMERS AND EXPLOSIVES.
AD-634 414 19A T 66 15 HC$ 1.00 MF$ 0.50

PROBES, SHOCK WAVES
USE OF IONIZATION AND THIN-FILM PROBES TO LOCATE SHOCK FRONTS IN A PRESSURE-DRIVEN SHOCK TUBE,
AD-634 509 14B T 66 15 HC$ 1.00 MF$ 0.50

PRODUCTION CONTROL, STANDARDS
SHEET METAL, STRUCTURAL IRON AND WELDING HANDBOOK. ENGINEERED PERFORMANCE STANDARDS PUBLIC WORKS MAINTENANCE.
PB-168 981 13H U 41 15 HC$ 4.00 MF$ 1.00

SHEET METAL, STRUCTURAL IRON AND WELDING FORMULAS. ENGINEERED PERFORMANCE STANDARDS PUBLIC WORKS MAINTENANCE.
PB-168 982 13H U 41 15 HC$ 1.00 MF$ 1.00

PRODUCTION REACTORS, PLUTONIUM
STIRRED-BED GAS-SOLIDS REACTOR FOR PREPARING PLUTONIUM TRICHLORIDE,
RL-SEP-414 18I U 41 15 HC$ 1.00 MF$ 0.50

PROFESSIONAL PERSONNEL, JOB ANALYSIS
MEN, MACHINES AND THE SOFTWARE MIDDLEMAN,
AD-634 213 5H T 66 15 HC$ 1.00 MF$ 0.50

PROGRAMMED INSTRUCTION, CHECKOUT PROCEDURES
DEVELOPMENT OF TECHNICAL TRAINING MATERIALS FOR NIKE HERCULES JUNIOR OFFICERS.
AD-634 301 5I T 66 15 HC$ 2.00 MF$ 0.50

PROGRAMMED INSTRUCTION, EFFECTIVENESS
NON-PROGRAM VARIABLES IN THE APPLICATION OF PROGRAMMED INSTRUCTION.
PB-169 042 5I U 41 15 HC$ 2.00 MF$ 0.50

PROGRAMMED INSTRUCTION, TEACHING MACHINES
A DESCRIPTIVE LIST OF PLATO PROGRAMS,
AD-634 593 9B T 66 15 HC$ 1.00 MF$ 0.50

TEACHING MACHINES AND PROGRAMMED LEARNING,
PB-170 502 5I U 41 15 HC$ 1.10 MF$ 0.50

PROGRAMMING LANGUAGES, INTEGRATORS(COMPUTERS)
JANVIER: PROGRAMME DE RESOLUTION SUR IBM 7094 DES PROBLEMES DE CELLULES EN GEOMETRIE PLANE, SPHERIQUE ET CYLINDRIQUE DANS L'APPROXIMATION DOUBLE PN. (JANUARY: IBM 709 4PROGRAMME FOR THE RESOLUTION OF CELL PROBLEMS IN PLANAR, SPHERICAL AND CYLINDRICAL GEOMETRY USING THE DOUBLE PN APPROXIMATION),
PB-169 352 9B U 41 15 HC$ 2.60 MF$ 0.50

PROGRAMMING(COMPUTERS), AERODYNAMICS
A DIGITAL PROGRAM FOR CALCULATING COMBINED AERODYNAMIC PARAMETERS-SUBSONIC AND SUPERSONIC,
AD-465 312 1A U 41 15 HC$ 4.60 MF$ 0.50

PROGRAMMING(COMPUTERS), ANALOG COMPUTERS
DIAN - A SYSTEM FOR PROGRAMMING A DIGITAL COMPUTER IN TERMS OF ANALOG COMPONENTS,
IS-1225 9B U 41 15 HC$ 3.00 MF$ 0.75

PROGRAMMING(COMPUTERS), CHARGED PARTICLES
INSTRUCTIONS FOR THE OPERATION OF CODES ASSOCIATED WITH THE LOW-ENERGY INTRANUCLEAR CASCADE CALCULATION,
ORNL-3844 20H U 41 15 HC$ 4.00 MF$ 1.00

PROGRAMMING(COMPUTERS), COMPILERS
A SIMPLE DEVICE FOR AIDING THE PROGRAMMING OF THE LGP-30 DIGITAL COMPUTER,
AD-457 197 9B U 41 15 HC$ 2.60

PROGRAMMING(COMPUTERS), CONTROL SYSTEMS
A CATHODE-RAY-TUBE PLOTTING SYSTEM FOR THE CONTROL DATA 3600 COMPUTER,
ANL-7121 9C U 41 15 HC$ 1.00 MF$ 0.50

PROGRAMMING(COMPUTERS), DATA STORAGE SYSTEMS
MAGNETIC FIELD STORAGE CODES AND ORBIT CALCULATIONS,
ORNL-TM-1172 9B U 41 15 HC$ 1.00 MF$ 0.50

PROGRAMMING(COMPUTERS), DOCUMENTATION
DESCRIPTIVE CATALOGING GUIDE,
TID-4577 5B U 41 15 HC$ 1.00 MF$ 0.75

PROGRAMMING(COMPUTERS), FAST NEUTRONS
MAG -- A PROGRAM TO PREPARE FAST GROUP CROSS SECTIONS IN THE DTF FORMAT,
NAA-SR-MEMO-10544 18K U 41 15 HC$ 2.00 MF$ 0.75

PROGRAMMING(COMPUTERS), HEMATOLOGY
COMPUTER ANALYSIS OF CELL VOLUME DISTRIBUTION,
LA-3440 6B U 41 15 HC$ 3.00 MF$ 0.50

PROGRAMMING(COMPUTERS), KLYSTRONS
A MULTI-CAVITY KLYSTRON COMPUTER PROGRAM INCLUDING POTENTIAL DEPRESSION CORRECTION,
AD-420 687 9B U 41 15 HC$ 3.60

PROGRAMMING(COMPUTERS), MACHINE TRANSLATION
GEORGETOWN AUTOMATIC TRANSLATION. GENERAL INFORMATION AND OPERATION MANUAL,
PB-169 626 5G U 41 15 HC$ 6.60 MF$ 0.75

PROGRAMMING(COMPUTERS), MATHEMATICAL PROGRAMMING
JANVIER: PROGRAMME DE RESOLUTION SUR IBM 7094 DES PROBLEMES DE CELLULES EN GEOMETRIE PLANE, SPHERIQUE ET CYLINDRIQUE DANS L'APPROXIMATION DOUBLE PN. (JANUARY: IBM 709 4PROGRAMME FOR THE RESOLUTION OF CELL PROBLEMS IN PLANAR, SPHERICAL AND CYLINDRICAL GEOMETRY USING THE DOUBLE PN APPROXIMATION),
PB-169 352 9B U 41 15 HC$ 2.60 MF$ 0.50

PROGRAMMING(COMPUTERS), NEUTRON FLUX
XKINEQ--A TWO-GROUP, TWO-DIMENSIONAL, MULTIREGION COMPUTER CODE FOR EXAMINING FLUX STABILITY IN NUCLEAR REACTORS IN THE PRESENCE OF 135 XE.
IDO-17127 18I U 41 15 HC$ 3.00 MF$ 0.75

PROGRAMMING(COMPUTERS), NEUTRON TRANSPORT THEORY
DTF-II -- A ONE-DIMENSIONAL, MULTIGROUP NEUTRON TRANSPORT PROGRAM,
NAA-SR-10951 18K U 41 15 HC$ 2.45 MF$ 0.75

PROGRAMMING(COMPUTERS), NUCLEAR ENGINEERING
DPC A TWO-DIMENSIONAL DATA PREPARATION CODE,
LA-3427 9B U 41 15 HC$ 3.00 MF$ 0.75

PROGRAMMING(COMPUTERS), NUCLEAR PHYSICS
MATHEMATICS DIVISION ANNUAL PROGRESS REPORT FOR PERIOD ENDING DECEMBER 31, 1965.
ORNL-3919 12B N 20 12 HC$ [illegible] MF$ 0.75

PROGRAMMING(COMPUTERS), NUCLEAR REACTORS
BIGG-II. A MULTIGROUP NEUTRON SPECTRUM AND CRITICALITY CODE,
PB-169 460 18K U 41 15 HC$ 3.00 MF$ 0.75

PROGRAMMING(COMPUTERS), RADIOACTIVE WASTE
A COMPUTER CODE FOR STORING AND RETRIEVING DATA AND DEVELOPING IMPROVED SOLIDS FOR FIXATION OF HIGHLY RADIOACTIVE WASTES,
ORNL-3824 18G U 41 15 HC$ 4.00 MF$ 0.75

PROGRAMMING(COMPUTERS), REACTOR FUEL ENRICHMENT
UCOST - A COMPUTER CODE FOR CALCULATING THE COST OF ENRICHED URANIUM,
BNWL-189 18I U 41 15 HC$ 4.00 MF$ 0.75

PROGRAMMING(COMPUTERS), REACTOR LATTICE PARAMETERS
DATAPREP-II. A REACTOR LATTICE HOMOGENEIZATION AND BIGG-II

DATA PREPARATION COMPUTER CODE,
PB-169 881 16K U 41 15 HC$ 7.60 MF$ 0.75

PROGRAMMING(COMPUTERS), REACTOR OPERATION
FCC-A FUNDAMENTAL MODE CODE FOR FAST REACTOR ANALYSIS,
BNWL-234 9B N 20 13 HC$ 4.00 MF$ 0.75

PROGRAMMING(COMPUTERS), SCHEDULING
A TECHNIQUE OF RESOURCE ALLOCATION FOR USE WITH THE CRITICAL PATH METHOD,
PB-169 850 5A U 41 15 HC$ 3.00 MF$ 0.75

PROGRAMMING(COMPUTERS), WAVE TRANSMISSION
CALCULATION OF TRANSMISSION AND SURFACE-WAVE DATA FOR PLANE MULTILAYERS AND INHOMOGENEOUS PLANE LAYERS,
AD-427 030 17I U 41 15 HC$ 3.60

PROGRAMMING(COMPUTERS, GEODESICS
GEOID REPRESENTATION FROM SATELLITE-DETERMINED COEFFICIENTS.
AD-634 541 8E T 66 15 HC$ 4.00 MF$ 0.75

PROGRAMMING(COMPUTERS, SPEECH RECOGNITION
WORD-RECOGNITION COMPUTER PROGRAM.
AD-634 304 9B T 66 15 HC$ 1.00 MF$ 0.50

PROJECTILES, TARGET ACQUISITION
A MODEL FOR DETERMINING TARGET LOCATION ACCURACY REQUIREMENTS,
AD-634 642 19A T 66 15 HC$ 1.00 MF$ 0.50

PROPELLANTS, DECOMPOSITION
A STUDY OF COMBUSTION CATALYSIS AND PROPELLANT DECOMPOSITION BY MASS SPECTROMETRY,
AD-468 333 21B U 41 15 HC$ 2.60 MF$ 0.50

PROPELLER NOISE, ROTOR BLADES(ROTARY WINGS
HELICOPTER BLADE SLAP,
AD-634 644 20A T 66 15 HC$ 1.00 MF$ 0.50

PROPELLERS(AERIAL), SHAFTS
A STUDY OF TWIN-ENGINE AIRPLANE PROPELLER INTERCONNECTION.
PB-170 403 1C U 41 15 HC$ 7.60 MF$ 0.75

PROPELLERS(MARINE), TESTS
OPEN-WATER TESTS OF A LOW PITCH THREE-BLADED PROPELLER SERIES IN A NOZZLE,
PB-169 955 13J U 41 15 HC$ 2.60

PROPORTIONAL COUNTERS, LEAST SQUARES METHOD
DETERMINATION OF COINCIDENCE CORRECTIONS IN A PROPORTIONAL COUNTER. II. I. LEAST SQUARES ANALYSIS BY THE VARIATIONAL AND GENERAL METHODS,
MLM-1263 9B U 41 15 HC$ 2.00 MF$ 0.50

PROPORTIONAL COUNTERS, SENSITIVITY
GAMMA-INDUCED SENSITIVITY LOSS IN THE PROPORTIONAL COUNTERS OF A NUCLEAR POWER PLANT,
AD-634 621 18D T 66 15 HC$ 1.00 MF$ 0.50

PROPULSION, TEST FACILITIES
PROPULSION RESEARCH LABORATORY SUMMARY REPORT FOR FY 1965.
AD-478 166 14B U 41 15 HC$ 3.00 MF$ 0.75

PROSTHETICS, USSR
FOREIGN DEVELOPMENTS IN PROSTHETICS,
AD-634 766 6E T 66 15 HC$ 3.00 MF$ 0.75

PROTECTIVE CLOTHING, AERONAUTICAL LABORATORIES
SNATCH-TEARING OF FABRICS: APPARATUS, AND APPLICATION TO A LIGHT-WEIGHT FABRIC,
PB-169 452 11E U 41 15 HC$ 2.60 MF$ 0.50

PROTEINS, BIOSYNTHESIS
THE INFLUENCE OF AN ARBOVIRUS INFECTION ON HOST-CELL RIBONUCLEIC ACID AND PROTEIN SYSTHESIS,
AD-634 620 6M T 66 15 HC$ 1.00 MF$ 0.50

PROTEINS, MOLECULAR STRUCTURE
CONCERNING SOME ELEMENTS OF CHLORELLA PROTEIN STRUCTURE,
AD-634 320 6A T 66 15 HC$ 1.00 MF$ 0.50

PROTON
DETERMINATION OF HYDROGEN ION CONCENTRATION, ELECTRON DENSITY AND PROTON GYROFREQUENCY FROM THE DISPERSION OF PROTON WHISTLERS,
N66-14552 20H U 41 15 HC$ 2.00 MF$ 0.50

PROTON ACCELERATORS, INSTRUMENTATION
QUARTERLY STATUS REPORT ON THE MEDIUM-ENERGY PHYSICS PROGRAM FOR PERIOD ENDING JANUARY 31, 1966.
LA-3479 18D U 41 15 HC$ 3.00 MF$ 0.75

PROTONS, VAN ALLEN RADIATION BELT
ORIGIN AND LOSS OF INNER ZONE PROTONS.
AD-634 704 4A T 66 15 HC$ 1.00 MF$ 0.50

PSYCHOMETRICS, OFFICER PERSONNEL
RESEARCH ON THE SELECTION OF OFFICER CANDIDATES AND CADETS,
AD-634 314 5I T 66 15 HC$ 2.00 MF$ 0.50

PUBLIC OPINION, COMMUNISM
ANTICIPATED CHANGES IN COMMUNIST NATIONS,
AD-279 919 5D U 41 15 HC$ 3.60

PUBLIC OPINION, TEST CONSTRUCTION(PSYCHOLOGY)
AN EVALUATION OF EXISTING CRITERIA FOR JUDGING THE QUALITY OF SCIENCE EXHIBITS.
TID-22703 5H U 41 15 HC$ 1.00 MF$ 0.75

PUERTO RICO, NUCLEAR POWER PLANTS
BOILING NUCLEAR SUPERHEATER BONUS POWER STATION ABSTRACT OF STARTUP SUMMARY REPORT (CENO/PRWRA-257).
CENO/PRWRA-257A 18I U 41 15 HC$ 2.00 MF$ 0.50

PULSE GENERATORS, CALIBRATION
PULSE GENERATOR MODEL B7-B (RUTHERFORD ELECTRONICS).
PB-169 989 14B U 41 15 HC$ 1.60 MF$ 0.50

PULSE GENERATOR, MODEL 570-A (KAY ELECTRIC RADA PULSE SR.).
PB-170 202 14B U 41 15 HC$ 1.60 MF$ 0.50

FREQUENCY STANDARD, TS-65/FMQ-1, TS-65C/FMQ-1, TS-65D/FMQ-1. (AMERICAN TIME PRODUCTS 1296, COMMERCIAL EQUIVALENT OF TS-65/FMQ-1). (PRECISION ASSOCIATES C-0318, COMMERCIAL EQUIVALENT OF TS-65D/FMQ-1).
PB-170 207 14B U 41 15 HC$ 1.60 MF$ 0.50

PULSE GENERATORS, PUMPING(ELECTRONICS)
HIGH-CURRENT PULSE GENERATOR FOR GALLIUM ARSENIDE LASER,
AD-634 507 20E T 66 15 HC$ 1.00 MF$ 0.50

PULSE GENERATORS, SILICON
SILICON MONOLITHIC RANDOM PULSE GENERATOR,
SC-DC-64-1154 9C U 41 15 HC$ 1.00 MF$ 0.50

PUMPING(ELECTRONICS, PULSE GENERATORS
HIGH-CURRENT PULSE GENERATOR FOR GALLIUM ARSENIDE LASER,
AD-634 507 20E T 66 15 HC$ 1.00 MF$ 0.50

PUMPING(OPTICAL), CHEMICAL REACTIONS
CHEMICAL LASER PUMP,
AD-634 655 20E T 66 15 HC$ 1.00 MF$ 0.50

PUMPING(OPTICAL), DISTRIBUTION
DISTRIBUTION OF PUMPING RADIATION DENSITY IN A TRIHEDRAL ROD,
AD-634 245 20E T 66 15 HC$ 1.00 MF$ 0.50

PUMPING(OPTICAL), SYMPOSIA
THE ANN ARBOR CONFERENCE ON OPTICAL PUMPING, HELD AT THE UNIVERSITY OF MICHIGAN, JUNE 15-JUNE 18, 1959.
PB-169 894 20F U 41 15 HC$18.40 MF$ 1.00

PYROTECHNICS, PUMPING(OPTICAL)
CHEMICAL LASER PUMP,
AD-634 655 20E T 66 15 HC$ 1.00 MF$ 0.50

P-HETEROCYCLIC COMPOUNDS, POLYMERS
PHOSPHIMIDAZOLENE POLYMERS,
PB-169 896 7C U 41 15 HC$ 2.60 MF$ 0.50

QUALITY CONTROL, SEQUENTIAL ANALYSIS
OPTIMAL SEQUENTIAL PLANS BASED ON PRIOR DISTRIBUTIONS AND COSTS,
AD-634 341 12A T 66 15 HC$ 4.00 MF$ 1.00

QUANTUM MECHANICS, MAPPING(TRANSFORMATIONS)
A NOTE ON PARALLELISM,
UCRL-14546 12A U 41 15 HC$ 1.00 MF$ 0.50

QUANTUM MECHANICS, OPERATORS(MATHEMATICS)
FULLY SECOND-QUANTIZED HAMILTONIAN FOR INTERACTING ELECTRONS AND PHONONS,
AD-455 960 20J U 41 15 HC$ 1.60

QUANTUM MECHANICS, SPECIAL FUNCTIONS
TRANSLATIONALLY COVARIANT HAMILTONIANS,
AD-422 500 20J U 41 15 HC$ 2.60

QUARTZ CRYSTALS, CRYSTAL HOLDERS
FREQUENCY AND PHASE STABLE CRYSTAL UNIT DEVELOPMENT.
PB-169 981 9C U 41 15 HC$ 1.60

QUARTZ RESONATORS, VERY HIGH FREQUENCY
QUARTZ CRYSTAL UNITS FOR VERY HIGH FREQUENCIES.
AD-634 447 9A T 66 15 HC$ 1.00 MF$ 0.50

QUARTZ, INTERNAL FRICTION
AN EXPERIMENTAL INVESTIGATION OF THE INTERNAL FRICTION OF SMALL DIAMETER QUARTZ STRANDS AT LOW FREQUENCIES,
AD-413 377 20K U 41 15 HC$ 2.60

QUARTZ, MICROMINIATURIZATION(ELECTRONICS
PRODUCTION ENGINEERING MEASURE RELIABLE QUARTZ CRYSTAL MICROELEMENTS TYPES EL-MCRO1 (X-1) AND EL-MCRO2 (X-1).
AD-634 214 9A T 66 15 HC$ 1.00 MF$ 0.50

QUARTZ, PRECISION FINISHING
QUARTZ CRYSTAL UNITS FOR VERY HIGH FREQUENCIES.
AD-634 447 9A T 66 15 HC$ 1.00 MF$ 0.50

RADAR ECHO AREAS, INTEGRATORS(COMPUTERS
PRECISION INTEGRATOR FOR METEOROLOGICAL ECHOES (PRIME).
AD-634 311 17I T 66 15 HC$ 3.00 MF$ 0.75

RADAR EQUIPMENT, CALIBRATION
RADAR TEST SET, AN/UPM-70, AN/UPM-70A.
PB-169 995 14B U 41 15 HC$ 4.60 MF$ 0.50

RADAR SIGNALS, MAGNETIC RECORDING SYSTEMS
RADAR-SIGNALS CONVERTER.
AD-634 742 17I T 66 15 HC$ 1.00 MF$ 0.50

RADAR TRACKING, PSEUDO-RANDOM SYSTEMS
DIGITAL DETECTION OF BINARY CODED RADAR SIGNALS,
AD-634 564 17I T 66 15 HC$ 1.00 MF$ 0.50

RADIATION CHEMISTRY, INSTRUMENTATION
MOUND LABORATORY PROGRESS REPORT FOR JUNE 1965,
MLM-1268 7E U 41 15 HC$ 2.00 MF$ 0.50

RADIATION CHEMISTRY, NUCLEAR INDUSTRIAL APPLICATIONS

PROCESS RADIATION DEVELOPMENT PROGRAM SUMMARIES. ANNUAL CONTRACTORS MEETING (5TH), OCTOBER 7-8, 1965.
BNL-949 7E U 41 15 HC$ 3.00 MF$ 0.75

RADIATION CHEMISTRY, PLASTICS
ANNUAL REPORT OF THE JAPANESE ASSOCIATION FOR RADIATION RESEARCH ON POLYMERS, VOLUME 6, 1962.
AEC-TR-6520 7E U 41 15 HC$ 7.32 MF$ 2.00

RADIATION CHEMISTRY, POLYMERIZATION
THE RADIATION POLYMERIZATION OF CRYSTALLINE TRITHIANE,
CONF-571-37 7E U 41 15 HC$ 1.00 MF$ 0.50

RADIATION CHEMISTRY, TRACER STUDIES
HANFORD RADIOLOGICAL SCIENCES RESEARCH AND DEVELOPMENT ANNUAL REPORT FOR 1964,
BNWL-36 7E U 41 15 HC$ 8.71 MF$ 2.00

RADIATION CHEMISTRY, X RAYS
OBSERVATION OF SHORT-LIVED SPECIES PRODUCED BY X-RAY PULSES,
AD-634 693 7E T 66 15 HC$ 1.00 MF$ 0.50

RADIATION DAMAGE, ELECTRONIC EQUIPMENT
LABORATORY TESTING AND THEORETICAL STUDIES IN TRANSIENT RADIATION EFFECTS ON MICROELECTRONICS.
AD-634 493 18H T 66 15 HC$ 4.00 MF$ 1.00

RADIATION DAMAGE, GRAPHITE
RADIATION-INDUCED DIMENSIONAL CHANGES OF GRAPHITES CONTAINING CARBON BLACK,
BNWL-201 18J U 41 15 HC$ 1.00 MF$ 0.50

RADIATION DAMAGE, HALOGENATED HYDROCARBONS
RADIATION EFFECTS IN FLUOROLUBE.
AD-634 292 18H T 66 15 HC$ 1.00 MF$ 0.50

RADIATION DAMAGE, PLATINUM
RADIATION DAMAGE IN PT PRODUCED BY 1.8-3.0-MEV ELECTRONS.
AD-634 268 20H T 66 15

RADIATION DAMAGE, SEMICONDUCTORS
INVESTIGATION OF TRANSIENT RADIATION DAMAGE IN SEMICONDUCTOR MATERIALS.
AD-634 488 20L T 66 15 HC$ 1.00 MF$ 0.50

RADIATION DAMAGE, ZIRCONIUM ALLOYS
EFFECTS OF FAST NEUTRON IRRADIATION, FABRICATION HISTORY, AND WATER OXYGEN ON THE ENVIRONMENTAL BEHAVIOR OF ZIRCONIUM ALLOYS,
BNWL-88 11F N 20 13 HC$ 3.00 MF$ 0.75

RADIATION DISTRIBUTION
THE INTERPRETATION OF TIROS RADIATION DATA FOR PRACTICAL USE IN SYNOPTIC WEATHER ANALYSIS,
N66-15246 4B U 41 15 HC$ 3.00 MF$ 0.50

RADIATION EFFECTS, HEALTH PHYSICS
BIOLOGICAL AND MEDICAL RESEARCH GROUP (H-4) OF THE HEALTH DIVISION.
LA-3432 18H U 41 15 HC$ 6.00 MF$ 1.50

RADIATION HAZARDS, ATMOSPHERE ENTRY
CONTROLLED DEORBIT,
SC-RR-65-472 22C U 41 15 HC$ 3.00 MF$ 0.50

RADIATION MEASUREMENT SYSTEMS, COLLIMATORS
FABRICATION OF PRECISION LEAD COLLIMATORS,
LA-3443 18D U 41 15 HC$ 1.00 MF$ 0.50

RADIATION MEASUREMENT SYSTEMS, GAMMA RAYS
SUMMARY OF THE INVESTIGATION OF THE RESPONSE OF CADMIUM SULFIDE,
PB-169 983 18D U 41 15 HC$ 5.60

RADIATION MEASUREMENT SYSTEMS, GERMANIUM
A METHOD OF MAKING THIN-WINDOW GERMANIUM DETECTORS,
UCRL-16480 18D U 41 15 HC$ 1.00 MF$ 0.50

RADIATION MEASUREMENT SYSTEMS, HEALTH PHYSICS
RADIATION MEASUREMENTS OF THE EFFLUENT FROM THE KIWI B4D-202 AND B4E-301 REACTORS,
LA-3397 6R U 41 15 HC$ 3.00 MF$ 0.75

RADIATION MEASUREMENT SYSTEMS, IONIZATION CHAMBERS
PARALLEL-PLATE MULTISECTION IONIZATION CHAMBERS FOR HIGH-PERFORMANCE REACTORS,
ORNL-3929 18D N 20 12 HC$ 2.00 MF$ 0.50

RADIATION MEASUREMENT SYSTEMS, SUPERCONDUCTORS
SUPERCONDUCTING THIN-FILM NUCLEAR-PARTICLE DETECTORS,
AD-634 684 18D T 66 15 HC$ 1.00 MF$ 0.50

RADIATION MEASUREMENT SYSTEMS, TRACER STUDIES
EVALUATION OF LARGE VOLUME DETECTORS AND THEIR APPLICATIONS TO RADIOISOTOPE PROCESS CONTROL.
ALO-1355-1 18D N 20 13 HC$ 6.00 MF$ 1.25

RADIATION MONITORS, ARGON
NEUTRON FLUX MONITORING WITH ARGON GAS.
NAA-SR-11356 18D U 41 15 HC$ 4.00 MF$ 1.00

RADIATION MONITORS, METAL FILMS
CONDUCTANCE DEVICE FOR MONITORING THIN FILM GROWTH,
RFP-690 18D N 20 12 HC$ 1.00 MF$ 0.50

RADIATION MONITORS, POSITIONING DEVICES(MACHINERY)
POSITION MONITORING DEVICES,
Y-1506 18D N 20 12 HC$ 2.00 MF$ 0.50

RADIATION MONITORS, RADIATION MEASUREMENT SYSTEMS
DEVELOPMENT OF A TEMPERATURE MONITOR FOR LARGE REACTORS,
DP-834 18D U 41 15 HC$ 1.00 MF$ 0.50

RADIO EQUIPMENT, OCEANOGRAPHIC EQUIPMENT
THE RADIOOCEANOGRAPHIC INVESTIGATION OF SEA SWELLS,
AD-634 242 8C T 66 15 HC$ 5.00 MF$ 1.00

RADIO EQUIPMENT, RELIABILITY(ELECTRONICS)
TECHNIQUE USED IN DETERMINING FIELD OPERATIONAL RELIABILITY.
AD-634 385 14D T 66 15 HC$ 1.00 MF$ 0.50

RADIO WAVES, ATMOSPHERIC REFRACTION
THE ABILITY TO PREDICT LOW-ANGLE HEIGHT ERRORS WITH THE NBS SURFACE-CORRECTED MODEL ATMOSPHERE,
AD-634 372 4A T 66 15 HC$ 2.00 MF$ 0.50

RADIO WAVES, BACKSCATTERING
FEASIBILITY STUDY OF THE DEVELOPMENT OF A DIGITAL COMPUTER ROUTINE FOR THE SIMULATION OF RADIO FREQUENCY BACKSCATTER FROM SPACE VEHICLES AND OF MATHEMATICAL METHODS FOR ANALYZING DIGITALIZED BACKSCATTER DATA,
AD-416 573 20N U 41 15 HC$ 4.60

RADIO WAVES, IONOSPHERIC PROPAGATION
MEASUREMENTS OF VLF WAVE-FRONT COMPONENTS OVER LONG PATHS.
AD-454 896 20N U 41 15 HC$32.10

RADIOACTIVE DECAY, ELEMENTARY PARTICLES
PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON WEAK INTERACTIONS, OCTOBER 25-27, 1965.
ANL-7130 20H U 41 15 HC$ 4.75 MF$ 2.00

RADIOACTIVE FALLOUT, GAMMA-RAY SPECTROSCOPY
EXPANSION OF FALLOUT-RADIATION NUMBER-SPECTRA CALCULATIONS TO LOW ALTITUDE.
AD-634 534 18H T 66 15 HC$ 4.00 MF$ 1.00

RADIOACTIVE FALLOUT, HEALTH PHYSICS
FALLOUT PROGRAM.
HASL-165 18H U 41 15 HC$ 7.00 MF$ 1.75

RADIOACTIVE FALLOUT, MATHEMATICAL PREDICTION
DEPOSITION VELOCITIES OF AEROSOLS AND VAPORS ON PASTURE GRASS,
UCRL-14702 18H N 20 13 HC$ 1.00 MF$ 0.50

RADIOACTIVE FALLOUT, NUCLEAR PROPULSION
ROVER POSTOPERATIONAL DESTRUCT INSTRUMENTATION DEVELOPMENT,
SC-RR-65-551 21F U 41 15 HC$ 4.00 MF$ 1.00

RADIOACTIVE ISOTOPES, ACTINIUM
RADIOISOTOPES FOR HEAT SOURCES. II. CALCULATIONS FOR PREPARATION OF 227 AC BY NEUTRON IRRADIATION OF 226 RA,
MLM-1297 10B U 41 15 HC$ 1.00 MF$ 0.50

RADIOACTIVE ISOTOPES, CESIUM
DEVELOPMENT OF A 137 CS FACILITY FOR ECOLOGICAL RESEARCH,
TID-22499 8F N 20 12 HC$ 2.00 MF$ 0.50

RADIOACTIVE ISOTOPES, CHEMICAL ANALYSIS
INSTALLATION DE CHIMIE ANALYTIQUE SOUS RAYONNEMENT (INSTALLATION FOR ANALYTIC CHEMISTRY UNDER IRRADIATION),
PB-170 541 7E U 41 15 HC$12.60 MF$ 0.75

RADIOACTIVE ISOTOPES, IODINE
CONTROLLED ENVIRONMENTAL RADIOIODINE TESTS AT THE NATIONAL REACTOR TESTING STATION, 1965 PROGRESS REPORT,
IDO-12047 18H U 41 15 HC$ 2.00 MF$ 0.50

RADIOACTIVE ISOTOPES, NUCLEAR INDUSTRIAL APPLICATIONS
LIST OF AEC RADIOISOTOPE CUSTOMERS WITH SUMMARY OF RADIOISOTOPE SHIPMENTS, FY 1965,
ORNL-IIC-6 18B U 41 15 HC$ 3.00 MF$ 0.75

RADIOACTIVE ISOTOPES, NUCLEAR REACTIONS
REACTOR YIELD CALCULATIONS FOR 81 RADIOISOTOPES PRODUCED BY (N,GAMMA) REACTIONS AT FLUXES OF 10 7 TO 10 16 N/CM 2.SEC FOR IRRADIATION TIMES OF 30 MINUTES TO ONE YEAR,
ORNL-IIC-8 18H N 20 12 HC$ 3.00 MF$ 0.75

RADIOACTIVE ISOTOPES, PRODUCTION
RADIOISOTOPE PRODUCTION CAPABILITIES OF U. S. POWER REACTORS,
DP-1015 18B U 41 15 HC$ 2.00 MF$ 0.50

RADIOACTIVE ISOTOPES, THERMOELECTRICITY
HIGH-TEMPERATURE RADIOISOTOPE THERMOELECTRIC GENERATOR FOR SPACE APPLICATIONS.
TID-22350 10A N 20 12 HC$ 4.00 MF$ 1.00

RADIOACTIVE ISOTOPES, URANIUM COMPOUNDS
EXAMINATION OF IRRADIATED U02 PARTICLES FROM AEROJET GENERAL NUCLEONICS,
ORNL-TM-1150 18J U 41 15 HC$ 2.00 MF$ 0.50

RADIOACTIVE WASTE, CONFINEMENT
TRANSIENT THERMAL BEHAVIOR IN FIXATION OF RADIOACTIVE MATERIALS,
BNWL-157 18G U 41 15 HC$ 4.00 MF$ 0.75

RADIOACTIVE WASTE, PROCESSING
RESEARCH AND DEVELOPMENT ACTIVITIES, FIXATION OF RADIOACTIVE RESIDUES.
BNWL-213 7A N 20 13 HC$ 2.00 MF$ 0.50

LEACHABILITY OF GLASS PREPARED FROM HIGHLY RADIOACTIVE CALCINED ALUMINA WASTE,
IDO-14672 18G U 41 15 HC$ 2.00 MF$ 0.50

CHEMICAL TECHNOLOGY DIVISION, UNIT OPERATIONS SECTION.
ORNL-TM-1069 18G U 41 15 HC$ 2.00 MF$ 0.50

RADIOACTIVE WASTE, PROGRAMMING LANGUAGES
A COMPUTER CODE FOR STORING AND RETRIEVING DATA AND DEVELOPING IMPROVED SOLIDS FOR FIXATION OF HIGHLY RADIOACTIVE WASTES,
ORNL-3824 18G U 41 15 HC$ 4.00 MF$ 0.75

RADIOACTIVE WASTE, RARE EARTHS
PURIFICATION OF RARE EARTHS FROM HANFORD WASTES BY SOLVENT EXTRACTION,
BNWL-187 18G U 41 15 HC$ 2.00 MF$ 0.50

RADIOACTIVE WASTE, TRANSPORTATION
SHIPPING COST COMPARISONS FOR LEAD, STEEL, AND URANIUM-SHIELDED CASK
ORNL-3918 13 U 41 15 HC$ 2.00 MF$ 0.50

RADIOACTIVITY, RADIATION MEASUREMENT SYSTEMS
RADIATION MEASUREMENTS OF THE EFFLUENT FROM THE KIWI B4D-202 AND B4E-301 REACTORS,
LA-3397 6R U 41 15 HC$ 3.00 MF$ 0.75

PHYSICS DIVISION SEMIANNUAL REPORT, MAY-OCTOBER 1965.
UCRL-16511 18D U 41 15 HC$ 3.00 MF$ 0.75

RADIOBIOLOGY, AGRICULTURE
SEMIANNUAL PROGRESS REPORT ON AGRICULTURAL RESEARCH, JANUARY 1-JUNE 30, 1965.
ORO-635 6R U 41 15 HC$ 5.00 MF$ 1.00

RADIOBIOLOGY, BIBLIOGRAPHIES
RADIOLOGICAL PHYSICS DIVISION ANNUAL REPORT, JULY 1964-JUNE 1965.
ANL-7060 6R N 20 13 HC$ 4.00 MF$ 1.00

RADIOBIOLOGY, MEDICAL RESEARCH
BIOLOGICAL AND MEDICAL RESEARCH GROUP (H-4) OF THE HEALTH DIVISION.
LA-3432 18H U 41 15 HC$ 6.00 MF$ 1.50

RESEARCH AND DEVELOPMENT IN PROGRESS - BIOLOGY AND MEDICINE. ISSUE NO. 4.
TID-4204 6R N 20 13 HC$ 5.50 MF$ 2.25

RADIOBIOLOGY, PUBLIC HEALTH
SEMIANNUAL REPORT TO THE ATOMIC ENERGY COMMISSION,
ACRH-24 6R U 41 15 HC$ 5.00 MF$ 1.00

RADIOBIOLOGY, RADIOLOGICAL DOSAGE
PROGRAM BOOK FOR THE ADVISORY COMMITTEE FOR BIOLOGY AND MEDICINE OF THE UNITED STATES ATOMIC ENERGY COMMISSION. PART II.
UCRL-14739 6R U 41 15 HC$ 5.00 MF$ 1.00

RADIOBIOLOGY, SCIENTIFIC RESEARCH
HANFORD RADIOLOGICAL SCIENCES RESEARCH AND DEVELOPMENT ANNUAL REPORT FOR 1964,
BNWL-36 7E U 41 15 HC$ 8.71 MF$ 2.00

RADIOCHEMISTRY LABORATORIES, REMOTE CONTROL SYSTEMS
INSTALLATION DE CHIMIE ANALYTIQUE SOUS RAYONNEMENT (INSTALLATION FOR ANALYTIC CHEMISTRY UNDER IRRADIATION),
PB-170 541 7E U 41 15 HC$12.60 MF$ 0.75

RADIOCHEMISTRY LABORATORIES, SCIENTIFIC REPORTS
MOUND LABORATORY PROGRESS REPORT FOR JUNE 1965,
MLM-1268 7E U 41 15 HC$ 2.00 MF$ 0.50

RADIOCHEMISTRY, NEUTRON ACTIVATION
RESEARCH IN ACTIVATION ANALYSIS,
NYO-10175 18B U 41 15 HC$ 4.00 MF$ 1.00

RADIOFREQUENCY AMPLIFIERS, PHASE SHIFT
A NEW TYPE OF BROADBAND LOW NOISE RADIO FREQUENCY AMPLIFIER,
AD-634 663 9E T 66 15 HC$ 1.00 MF$ 0.50

RADIOFREQUENCY FILTERS, MICROWAVE EQUIPMENT
NOVEL MICROWAVE FILTER DESIGN TECHNIQUES.
AD-409 448 9E U 41 15 HC$ 7.60

RADIOFREQUENCY GENERATORS, ELECTRON BEAMS
INVESTIGATIONS OF LINEAR BEAM AND NEW CONCEPTS OF MICROWAVE POWER GENERATION.
AD-634 129 9A T 66 15 HC$ 5.00 MF$ 1.00

AD-634 130 9A T 66 15 HC$ 6.00 MF$ 1.50

RADIOFREQUENCY INTERFERENCE, NONLINEAR SYSTEMS
INTERFERENCE REDUCTION TECHNIQUES FOR NONLINEAR DEVICES.
AD-451 658 17B U 41 15 HC$15.60

RADIOFREQUENCY OSCILLATORS, PLASMA GENERATORS
THE EFFICIENT UTILIZATION OF AN RF POWER OSCILLATOR FOR PRODUCING LOW-PRESSURE PLASMAS,
AD-634 263 20I T 66 15 HC$ 1.00 MF$ 0.50

RADIOFREQUENCY, COMPATIBILITY
RADIO FREQUENCY COMPATIBILITY (RFC) ACCESSORY EQUIPMENT SET.
AD-436 042 14B U 41 15 HC$ 3.00

RADIOLOGICAL CONTAMINATION, CHEMICAL ANALYSIS
FLIGHT DATA AND RESULTS OF RADIOCHEMICAL ANALYSES OF FILTER SAMPLES COLLECTED DURING 1963. APPENDIX TO PROGRESS REPORT NO. 11 ON PROJECT STARDUST,
HASL-168 7E U 41 15 HC$ 6.00 MF$ 1.25

FLIGHT DATA AND RESULTS OF RADIOCHEMICAL ANALYSES OF FILTER SAMPLES COLLECTED DURING 1964. PROGRESS REPORT NO. 12 ON PROJECT STARDUST,
HASL-169 7E U 41 15 HC$ 4.00 MF$ 1.00

RADIOLOGICAL CONTAMINATION, RADIATION MONITORS
FALLOUT PROGRAM.
HASL-165 18H U 41 15 HC$ 7.00 MF$ 1.75

RADIOLOGICAL DOSAGE, SOLAR RADIATION
A NOTE ON THE DOSIMETRIC INTERPRETATION OF RIGIDITY SPECTRA FOR SOLAR PARTICLE BEAMS,
AD-634 608 6R T 66 15 HC$ 1.00 MF$ 0.50

RADIUM, RADIOBIOLOGY
EPIDEMIOLOGICAL FOLLOWUP OF THE NEW JERSEY RADIUM CASES. I. REPORT OF THE EPIDEMIOLOGICAL AND MEDICAL STUDY GROUP AND THE PROJECT SUBCONTRACTORS. II. RESUME OF COOPERATIVE LABORATORY STUDIES ON PROJECT CASES AND SPECIMENS. III. RESUMES OF FINDINGS FROM INDIVIDUAL CASE STUDIES.
NYO-2181-3 6R N 20 12 HC$ 4.00 MF$ 1.00

RADOMES, CERAMIC MATERIALS
HONEYCOMB CERAMIC RADOME TECHNIQUES.
AD-474 285 17I U 41 15 HC$ 2.00 MF$ 0.50

RADOMES, ELECTROMAGNETIC PROPERTIES
CALCULATION OF TRANSMISSION AND SURFACE-WAVE DATA FOR PLANE MULTILAYERS AND INHOMOGENEOUS PLANE LAYERS,
AD-427 030 17I U 41 15 HC$ 3.60

RAILROADS, DISTRICT OF COLUMBIA
OPERATING CONCEPTS; FUNCTIONS OF AN ATTENDANT ABOARD AN AUTOMATED TRAIN; PRELIMINARY ESTIMATE OF ZONE FARE-COLLECTION COSTS,
PB-169 571 13F U 41 15 HC$ 4.00 MF$ 0.75

RAINFALL, COUNTERMEASURES
KINEMATIC PROGRAMMING FOR RAIN.
AD-634 772 12B T 66 15 HC$ 1.00 MF$ 0.50

RAINFALL, RADAR SCANNING
INVESTIGATION OF THE QUANTITATIVE DETERMINATION OF POINT AND AREAL PRECIPITATION BY RADAR ECHO MEASUREMENTS.
AD-634 362 4B T 66 15 HC$ 2.00 MF$ 0.50

RAMJET ENGINES, MIXTURES
RAMJET TECHNOLOGY. AIR-FUEL MIXTURE PREPARATION,
PB-169 988 21D U 41 15 HC$13.60

RAMJET ENGINES, PROGRAMMING(COMPUTERS)
THE FLOSS IV COMPATIBLE PROGRAMS, INCLUDING PROCEDURES FOR THE REAL GASDYNAMIC, ONE-DIMENSIONAL PERFORMANCE ANALYSES OF NUCLEAR RAMJET AND ROCKET ENGINES,
UCRL-7644 9B U 41 15 HC$ 4.00 MF$ 1.00

RARE EARTH COMPOUNDS, ELECTROLYTES
APPARENT MOLAL VOLUMES AND VISCOSITIES OF SOME AQUEOUS RARE-EARTH CHLORIDE SOLUTIONS AT 25 DEG C,
IS-1344 7D N 20 13 HC$ 5.00 MF$ 1.00

RARE EARTH ELEMENTS, ION EXCHANGE
A RAPID METHOD FOR THE CARRIER-FRE DETERMINATION OF INDIVIDUAL RARE EARTHS BY ION EXCHANGE AT ROOM TEMPERATURE,
AD-463 222 7E U 41 15 HC$ 1.60

RARE EARTHS, SOLVENT EXTRACTION
PURIFICATION OF RARE EARTHS FROM HANFORD WASTES BY SOLVENT EXTRACTION,
BNWL-187 18G U 41 15 HC$ 2.00 MF$ 0.50

REACTION KINETICS, ENERGY
EFFECT OF TRANSLATIONAL ENERGY ON ION-MOLECULE REACTION RATES. II,
AD-634 708 7D T 66 15

REACTION KINETICS, SHOCK WAVES
HIGH TEMPERATURE GAS KINETIC STUDY OF NITROUS OXIDE DECOMPOSITION PERFORMED WITH A SHOCK TUBE AND QUADRUPOLE MASS-FILTER.
AD-634 399 7D T 66 15 HC$ 3.00 MF$ 0.75

HIGH TEMPERATURE GAS KINETIC STUDY OF CARBONYL SULFIDE DECOMPOSITION PERFORMED WITH A SHOCK TUBE AND QUADRUPOLE MASS-FILTER.
AD-634 423 7D T 66 15 HC$ 4.00 MF$ 0.75

MATRIX ISOLATION AND MASS-SPECTROMETRIC STUDIES OF SPECIES PRODUCED IN A SHOCK TUBE.
AD-634 428 7D T 66 15 HC$ 1.00 MF$ 0.50

REACTOR ACCIDENTS, LEAKAGE(FLUID)
CRACK IN THE ENGINEERING TEST REACTOR PRIMARY COOLING SYSTEM,
IDO-17158 18I N 20 13 HC$ 3.00 MF$ 0.50

REACTOR CONTROL, HEALTH PHYSICS
HAZARDS CONTROL QUARTERLY REPORT NO. 22, JULY-SEPTEMBER 1965.
UCRL-14534 6R U 41 15 HC$ 3.00 MF$ 0.75

REACTOR CONTROL, NUCLEAR POWER PLANTS
CONTROL-CAB DESIGN FOR ML-1A NUCLEAR POWER PLANT: HUMAN ENGINEERING CONSIDERATIONS.
AD-634 455 18L T 66 15 HC$ 3.00 MF$ 0.75

REACTOR CONTROL, RADIOACTIVITY
CRITICALITY CONTROL IN OPERATIONS WITH FISSILE MATERIAL,
LA-3366 18H U 41 15 HC$ 3.00 MF$ 0.50

REACTOR CONTROL, REACTOR SYSTEM COMPONENTS
ELK RIVER REACTOR OPERATIONS ANALYSIS PROGRAM. TOPICAL REPORT, CONTROL ROD ANALYSIS, TASK 204,
ACNP-64568 18E U 41 15 HC$ 2.00 MF$ 0.50

REACTOR COOLANTS, VELOCITIES
DEVELOPMENT OF NOISE AND ANALYSIS TECHNIQUES FOR MEASURING

REACTOR COOLANT VELOCITIES,
NAA-SR-11193 18I U 41 15 HC$ 2.00 MF$ 0.50

REACTOR CORES, CRITICAL ASSEMBLIES
PATHFINDER ATOMIC POWER PLANT. PATHFINDER BOILER CORE SLAB EXPERIMENT TEST 301,
ACNP-64601 18E U 41 15 HC$ 2.00 MF$ 0.50

REACTOR CORES, FUEL BURN UP
SUMMARY DESIGN REPORT FOR MELBA TEST IN PWR CORE 2 BLANKET,
WAPD-TM-483 18I U 41 15 HC$ 3.00 MF$ 0.75

YANKEE CORE EVALUATION PROGRAM,
WCAP-6079 18I U 41 15 HC$ 3.00 MF$ 0.75

REACTOR CORES, REACTOR MATERIALS
DEVELOPMENT OF NOISE AND ANALYSIS TECHNIQUES FOR MEASURING REACTOR COOLANT VELOCITIES,
NAA-SR-11193 18I U 41 15 HC$ 2.00 MF$ 0.50

REACTOR FUEL ELEMENTS, BURNTHROUGH
EXPERIMENTAL BOILING BURNOUT HEAT FLUXES WITH AN ELECTRICALLY HEATED 19-ROD BUNDLE TEST SECTION,
BNWL-206 18I U 41 15 HC$ 3.00 MF$ 0.50

REACTOR FUEL ELEMENTS, CERAMIC MATERIALS
HISTORY OF THE NRX REACTOR X-1-G AND X-3-N TESTS AND THE NONDESTRUCTIVE POST-IRRADIATION EXAMINATION OF THEIR PLATE-TYPE CERAMIC FUEL ELEMENTS,
WAPD-TM-455 18J N 20 13 HC$ 5.00 MF$ 1.00

REACTOR FUEL ELEMENTS, CHEMICAL ANALYSIS
PROCESS DEVELOPMENT QUARTERLY PROGRESS REPORT, JULY-SEPTEMBER 1965,
HCW-1493 18J U 41 15 HC$ 2.00 MF$ 0.50

REACTOR FUEL ELEMENTS, HEAT TRANSFER
LONGITUDINAL LAMINAR FLOW OF AN INCOMPRESSIBLE FLUID IN FINITE TUBE BUNDLES WITH M + 1 TUBES,
LA-3418 18I U 41 15 HC$ 3.00 MF$ 0.75

REACTOR FUEL ELEMENTS, NEUTRON FLUX
ADDITIONAL YIELD DATA FOR TRANSPLUTONIUM ELEMENT PRODUCTION IN THERMAL REACTORS,
ANL-7096 7E U 41 15 HC$ 1.00 MF$ 0.50

REACTOR FUEL ELEMENTS, NUCLEAR POWER PLANTS
PATHFINDER ATOMIC POWER PLANT. BOILER FUEL ELEMENT DESIGN REPORT,
ACNP-64016 18E U 41 15 HC$ 3.00 MF$ 0.75

REACTOR FUEL ELEMENTS, POWER
REACTEURS G 2/G-3 - PUISSANCE RESIDUELLE DES ELEMENTS COMBUSTIBLES (REACTORS G 2/G 3-RESIDUAL POWER OF THE FUEL ELEMENTS),
PB-170 558 18J U 41 15 HC$ 2.60 MF$ 0.50

REACTOR FUEL ELEMENTS, REACTOR CORES
PIN TECHNIQUE FOR DISPLACEMENT MEASUREMENTS IN KIWI TNT.
LA-3388 18J U 41 15 HC$ 1.00 MF$ 0.50

REACTOR FUEL ELEMENTS, URANIUM
EVALUATION OF THE METHODS IN TID-7029, 'SELECTED MEASURMENT METHODS FOR PLUTONIUM AND URANIUM IN THE NUCLEAR FUEL CYCLE',
NBL-231 18B U 41 15 HC$ 4.00 MF$ 1.00

SUMMARY TECHNICAL REPORT FOR THE PERIOD OCTOBER 1-DECEMBER 31, 1965,
NLCO-970 18J U 41 15 HC$ 3.00 MF$ 0.75

REACTOR FUEL ENRICHMENT, DENSITY
THE DENSITY EFFECT--IN REGARDS TO THE MINIMUM CRITICAL ENRICHMENT OF AQUEOUS HOMOGENEOUS SOLUTIONS,
KY-L258(REV-1) 18J U 41 15 HC$ 1.00 MF$ 0.50

REACTOR FUEL ENRICHMENT, FLUIDIZED BED PROCESSES
PREPARATION OF UO2 MICROSPHERES BY A SOL-GEL TECHNIQUE,
ORNL-3874 18J U 41 15 HC$ 3.00 MF$ 0.75

REACTOR FUEL PROCESSING, CHEMICAL ENGINEERING
UNIT OPERATIONS SECTION QUARTERLY PROGRESS REPORT, APRIL-JUNE 1965,
ORNL-3868 18J U 41 15 HC$ 4.00 MF$ 0.75

REACTOR FUEL RODS, REACTOR(CORES)
TUNGSTEN-RHENIUM ALLOY THERMOCOUPLES AND THEIR USE IN A UO2-FUELED REACTOR,
ANL-6981 18I U 41 15 HC$ 2.00 MF$ 0.50

REACTOR FUELS ENRICHMENTS, COSTS
UCOST - A COMPUTER CODE FOR CALCULATING THE COST OF ENRICHED URANIUM,
BNWL-189 18I U 41 15 HC$ 4.00 MF$ 0.75

REACTOR FUELS, CERAMIC MATERIALS
ANNUAL PROGRESS REPORT ON REACTOR FUELS AND MATERIALS DEVELOPMENT FOR FY 1965,
IDO-17154 18J U 41 15 HC$ 4.00 MF$ 1.00

REACTOR FUELS, DENSITY
EVALUATION OF LOW-DENSITY SINGLE-PHASE CUBIC ZRO2 + UO2 FUELS STABILIZED WITH CAO,
WAPD-292 18J U 41 15 HC$ 3.00 MF$ 0.50

REACTOR FUELS, FAST REACTORS
SUMMARIES OF FUELS AND MATERIALS DEVELOPMENT PROGRAMS,
MATERIALS RESEARCH UNDER REACTOR PROGRAMS,
TID-6506(PT. 2, 3RD ED.) 18J U 41 15 HC$ 3.00 MF$ 0.75

REACTOR FUELS, FUEL BURN UP
PROGRESS RELATING TO CIVILIAN APPLICATIONS DURING JANUARY, 1966,
BMI-1757 18B U 41 15 HC$ 2.00 MF$ 0.50

EVALUATION AND IRRADIATION EFFECTS STUDIES ON PYROLYTIC-CARBON-COATED FUEL PARTICLES,
ORNL-3923 18J U 41 15 HC$ 2.00 MF$ 0.50

REACTOR FUELS, GAS-COOLED REACTORS
PROGRESS RELATING TO CIVILIAN APPLICATIONS DURING DECEMBER 1965,
BMI-1754 18J U 41 15 HC$ 2.00 MF$ 0.50

REACTOR FUELS, HANDLING
PATHFINDER ATOMIC POWER PLANT. FUEL HANDLING AND TRANSFER SYSTEM DEVELOPMENT.
ACNP-64015 18E U 41 15 HC$ 4.00 MF$ 1.00

SDC-A SHIELDING-DESIGN CALCULATION CODE FOR FUEL-HANDLING FACILITIES,
ORNL-3041 18J N 20 12 HC$ 3.00 MF$ 0.75

REACTOR FUELS, NUCLEAR PHYSICS LABORATORIES
NUCLEAR FUELS AND MATERIALS DEVEOPMENT,
TID-11295 (PT. 1, 4TH ED.) 18J U 41 15 HC$ 5.00 MF$ 1.00

REACTOR FUELS, NUCLEAR POWER PLANTS
UNIT OPERATIONS SECTION QUARTERLY PROGRESS REPORT, JULY-SEPTEMBER 1965,
ORNL-3916 18J N 20 12 HC$ 3.00 MF$ 0.75

REACTOR FUELS, PLUTONIUM
QUARTERLY STATUS REPORT ON ADVANCED REACTOR TECHNOLOGY (ART) FOR PERIOD ENDING JANUARY 31, 1966.
LA-3482 18I U 41 15 HC$ 3.00 MF$ 0.75

SAXTON PLUTONIUM PROGRAM.
WCAP-3385-6 18J U 41 15 HC$ 2.00 MF$ 0.50

REACTOR FUELS, PRESSURIZED WATER REACTORS
SAXTON PLUTONIUM PROGRAM.
WCAP-3385-5 18H U 41 15 HC$ 4.00 MF$ 0.75

REACTOR FUELS, PROGRAMMING(COMPUTERS)
ENGINEERING DEVELOPMENT OF FLUID-BED FLUORIDE VOLATILITY PROCESSES. PART 9. COMPUTER PROGRAMS FOR ALLOY-FUEL PROCESS CALCULATIONS,
ANL-6992 7A U 41 15 HC$ 3.00 MF$ 0.75

REACTOR FUELS, REACTOR LATTICE PARAMETERS
THE HOMOGENIZATION AND DENSIFICATION OF ZRO2 + UO2 FUELS UNDER IRRADIATION,
WAPD-301 18J N 20 12 HC$ 3.00 MF$ 0.75

REACTOR FUELS, URANIUM
QUARTERLY PROGRESS SUMMARY, OCTOBER-DECEMBER 1964.
RMI-4 18J N 20 13 HC$ 3.00 MF$ 0.75

REACTOR FUELS, URANIUM COMPOUNDS
IRRADIATION BEHAVIOR OF URANIUM MONOCARBIDE FUEL EXPERIMENTS NAA 81-3 AND AL 3-12,
NAA-SR-11140 18J N 20 13 HC$ 3.00 MF$ 0.50

REACTOR HAZARDS, HEALTH PHYSICS INSTRUMENTATION
HAZARDS CONTROL QUARTERLY REPORT NO. 22, JULY-SEPTEMBER 1965.
UCRL-14534 6R U 41 15 HC$ 3.00 MF$ 0.75

REACTOR HAZARDS, PLNTONIUM
PLUTONIUM DISPERSAL BY ACCIDENTAL OR EXPERIMENTAL LOW-ORDER DETONATION OF ATOMIC WEAPONS,
LA-1981 18H U 41 15 HC$ 2.00 MF$ 0.50

REACTOR HAZARDS, RADIATION MEASUREMENT SYSTEMS
FINAL HAZARDS REPORT FOR THE RCPA ELK RIVER REACTOR.
ACNP-65503 18D U 41 15 HC$ 6.00 MF$ 1.50

REACTOR LATTICE PARAMETERS, ALGEBRA
LASER. A DEPLETION PROGRAM FOR LATTICE CALCULATIONS BASED ON MUFT AND THERMOS,
WCAP-6073 18I N 20 13 HC$ 4.00 MF$ 0.75

REACTOR LATTICE PARAMETERS, PROGRAMMING(COMPUTERS)
DATAPREP-II. A REACTOR LATTICE HOMOGENEIZATION AND BIGG-II DATA PREPARATION COMPUTER CODE,
PB-169 881 18K U 41 15 HC$ 7.60 MF$ 0.75

REACTOR LATTICE PARAMETERS, REACTOR FUELS
THE DENSITY EFFECT--IN REGARDS TO THE MINIMUM CRITICAL ENRICHMENT OF AQUEOUS HOMOGENEOUS SOLUTIONS,
KY-L258(REV-1) 18J U 41 15 HC$ 1.00 MF$ 0.50

REACTOR LATTICE PARAMETERS, REACTOR OPERATION
SPERT PROJECT.
IDO-17146 18I U 41 15 HC$ 2.00 MF$ 0.50

HYDRO -- A SMALL, WATER-COOLED, AND WATER-REFLECTED NEUTRON SOURCE,
LA-3374 18H U 41 15 HC$ 2.00 MF$ 0.50

REACTOR MATERIALS, BISMUTH ALLOYS
THE BISMUTH-ZIRCONIUM ALLOY SYSTEM,
IS-1269 18J U 41 15 HC$ 2.00 MF$ 0.50

REACTOR MATERIALS, COATINGS
EVALUATION AND IRRADIATION EFFECTS STUDIES ON PYROLYTIC-CARBON-COATED FUEL PARTICLES,
ORNL-3923 18J U 41 15 HC$ 2.00 MF$ 0.50

REACTOR MATERIALS, DENSITY
LIQUID MEDIA FOR DENSITY MEASUREMENTS OF BERYLLIUM,

PLUTONIUM, AND URANIUM,
RFP-691 18J U 41 15 HC$ 2.00 MF$ 0.50

REACTOR MATERIALS, ECONOMICS
THE RANDOMLY PACKED SETTLED-BED FAST REACTOR CONCEPT (1000-MW(E) REACTOR DESIGN),
BNL-887 18I U 41 15 HC$ 3.00 MF$ 0.50

REACTOR MATERIALS, ENCAPSULATION
EFFECTS OF TEMPERATURE ON FILLED EPOXY ENCAPSULATION MATERIALS,
BDX-613-11 18J U 41 15 HC$ 1.00 MF$ 0.50

REACTOR MATERIALS, EXTRUSION
QUARTERLY PROGRESS SUMMARY, OCTOBER-DECEMBER 1964.
RMI-4 18J N 20 13 HC$ 3.00 MF$ 0.75

REACTOR MATERIALS, HIGH-TEMPERATURE RESEARCH
HIGH-TEMPERATURE MATERIALS PROGRAM.
GEMP-55A 18J U 41 15 HC$ 3.00 MF$ 0.75

REACTOR MATERIALS, MECHANICAL PROPERTIES
THE EFFECT OF STRAIN RATE ON MECHANICAL PROPERTIES OF SOME WIDELY USED ENGINEERING METALS,
UCRL-14599 18J U 41 15 HC$ 2.00 MF$ 0.50

REACTOR MATERIALS, METALLOGRAPHY
PROGRESS RELATING TO CIVILIAN APPLICATIONS DURING DECEMBER 1965,
BMI-1754 18J U 41 15 HC$ 2.00 MF$ 0.50

REACTOR MATERIALS, METALLURGY
ANNUAL PROGRESS REPORT ON REACTOR FUELS AND MATERIALS DEVELOPMENT FOR FY 1965,
IDO-17154 18J U 41 15 HC$ 4.00 MF$ 1.00

REACTOR MATERIALS, NUCLEAR PHYSICS LABORATORIES
NUCLEAR FUELS AND MATERIALS DEVEOPMENT,
TID-11295 (PT. 1, 4TH ED.) 18J U 41 15 HC$ 5.00 MF$ 1.00

REACTOR MATERIALS, PRESSURIZED WATER REACTORS
PRESSURIZED WATER REACTOR (PWR) PROJECT.
WAPD-MRP-114 18I U 41 15 HC$ 2.50 MF$ 0.75

WAPD-MRP-115 18I U 41 15 HC$ 4.00 MF$ 0.75

REACTOR MATERIALS, RADIOCHEMISTRY
ANNUAL PROGRESS REPORT FOR THE PERIOD JULY 1964 THROUGH JUNE 1965.
NBL-230 7E U 41 15 HC$ 3.00 MF$ 0.75

REACTOR MATERIALS, REACTOR FUEL PROCESSING
UNIT OPERATIONS SECTION QUARTERLY PROGRESS REPORT, APRIL-JUNE 1965,
ORNL-3868 18J U 41 15 HC$ 4.00 MF$ 0.75

REACTOR MATERIALS, REACTOR SYSTEM COMPONENTS
SUMMARIES OF FUELS AND MATERIALS DEVELOPMENT PROGRAMS, MATERIALS RESEARCH UNDER REACTOR PROGRAMS,
TID-6506(PT. 2, 3RD ED.) 18J U 41 15 HC$ 3.00 MF$ 0.75

REACTOR MATERIALS, STABILIZATION
EVALUATION OF LOW-DENSITY SINGLE-PHASE CUBIC ZRO2 + UO2 FUELS STABILIZED WITH CAO,
WAPD-292 18J U 41 15 HC$ 3.00 MF$ 0.50

REACTOR MATERIALS, STATE-OF-THE-ART REVIEWS
PROGRESS RELATING TO CIVILIAN APPLICATIONS DURING FEBRUARY 1966,
BMI-1765 11F N 20 13 HC$ 2.00 MF$ 0.50

REACTOR MATERIALS, STRESSES
RESEARCH TO DETERMINE THE LONG-TERM MECHANICAL PROPERTIES OF METALS SUBJECTED TO MECHANICAL STRESS AT ELEVATED TEMPERATURES AND NEUTRON IRRADIATION.
EURAEC-1112 18J U 41 15 HC$ 1.00 MF$ 0.50

REACTOR MATERIALS, TEST REACTORS
NUCLEAR TECHNOLOGY BRANCHES QUARTERLY REPORT, JANUARY 1-MARCH 31 1965.
IDO-17104 18D U 41 15 HC$ 3.00 MF$ 0.75

REACTOR MATERIALS, THORIUM
SUMMARY TECHNICAL REPORT FOR THE PERIOD OCTOBER 1-DECEMBER 31, 1965,
NLCO-970 18J U 41 15 HC$ 3.00 MF$ 0.75

REACTOR MATERIALS, URANIUM COMPOUNDS
REVIEW OF STATUS OF SELF-DIFFUSION IN US, UN, UO2, AND UC,
ANL-7094 18J U 41 15 HC$ 2.00 MF$ 0.50

REACTOR OPERATION, ATMOSPHERE ENTRY
THERMAL BEHAVIOR OF SNAP REACTOR FUEL ELEMENTS DURING ATMOSPHERIC REENTRY,
NAA-SR-11502 22C N 20 13 HC$ 4.00 MF$ 1.00

REACTOR OPERATION, NUCLEAR POWER PLANTS
ELK RIVER REACTOR OPERATIONS ANALYSIS PROGRAM. TOPICAL REPORT, CONTROL ROD ANALYSIS, TASK 204,
ACNP-64568 18E U 41 15 HC$ 2.00 MF$ 0.50

REACTOR OPERATION, REACTOR SAFETY SYSTEMS
CRITICALITY CONTROL IN OPERATIONS WITH FISSILE MATERIAL,
LA-3366 18H U 41 15 HC$ 3.00 MF$ 0.50

REACTOR OPERATION, REACTOR SYSTEM COMPONENTS
IN-TANK IRRADIATION FACILITIES AT THE TEST REACTOR AREA (STANDARD PRACTICES GUIDE),
IDO-17135 18I U 41 15 HC$ 3.00 MF$ 0.75

REACTOR SAFETY SYSTEMS, CONTAINMENT
NUCLEAR SAFETY PROGRAM SEMIANNUAL PROGRESS REPORT FOR PERIOD ENDING DECEMBER 31, 1965.
ORNL-3915 18D N 20 12 HC$ 5.00 MF$ 1.00

REACTOR SAFETY SYSTEMS, LAUNCH VEHICLES(AEROSPACE)
STUDY OF THE CHEMICAL INTEGRITY OF RADIOISOTOPE CONTAINMENT MATERIALS IN LAUNCH ABORT ENVIRONMENTS.
SC-DC-65-1918 22D U 41 15 HC$ 3.00 MF$ 0.75

REACTOR SAFETY SYSTEMS, REACTOR MATERIALS
STUDIES OF REACTOR CONTAINMENT STRUCTURES.
IITRI-S78P22-14 18I U 41 15 HC$ 7.00 MF$ 1.50

REACTOR SHIELDING CALCULATIONS, OPTIMIZATION
ARMY GAS-COOLED REACTOR SYSTEMS PROGRAM. ML-1A SHIELD OPTIMIZATION STUDY.
AGN-TM-412 18F U 41 15 HC$ 4.00 MF$ 0.75

REACTOR SHIELDING CALCULATIONS, PROGRAMMING(COMPUTERS)
SDC-A SHIELDING-DESIGN CALCULATION CODE FOR FUEL-HANDLING FACILITIES,
ORNL-3941 18J N 20 12 HC$ 3.00 MF$ 0.75

REACTOR SHIELDING MATERIALS, CONCRETE
HIGH-STRENGTH, HIGH-DENSITY CONCRETE,
AD-450 625 18F U 41 15 HC$ 7.60

REACTOR SHIELDING MATERIALS, RADIOACTIVE WASTE
SHIPPING COST COMPARISONS FOR LEAD, STEEL, AND URANIUM-SHIELDED CASK
ORNL-3918 13 U 41 15 HC$ 2.00 MF$ 0.50

REACTOR SHUTDOWN, BEVATRONS
BEVATRON OPERATION AND DEVELOPMENT. 46. APRIL-JUNE 1965,
UCRL-16553 20B N 20 12 HC$ 1.00 MF$ 0.50

REACTOR START-UP SOURCES, AUXILIARY POWER PLANTS
SNAP 10A PBSNTE T/E PUMP S/N-038 ACCEPTANCE TEST.
NAA-SR-MEMO-10667 18N U 41 15 HC$ 2.00 MF$ 0.50

REACTOR SYSTEM COMPONENTS, FISSION PRODUCTS
NUCLEAR SAFETY PROGRAM SEMIANNUAL PROGRESS REPORT FOR PERIOD ENDING DECEMBER 31, 1965.
ORNL-3915 18D N 20 12 HC$ 5.00 MF$ 1.00

REACTOR SYSTEM COMPONENTS, NUCLEAR POWER PLANTS
PATHFINDER ATOMIC POWER PLANT. PATHFINDER BOILER CORE SLAB EXPERIMENT TEST 301,
ACNP-64601 18E U 41 15 HC$ 2.00 MF$ 0.50

REACTOR SYSTEM COMPONENTS, REACTOR COOLANTS
PIQUA NUCLEAR POWER FACILITY REACTOR OPERATIONS, ANAYLIS PROGRAM.
NAA-SR-11628 18I U 41 15 HC$ 4.00 MF$ 1.00

REACTOR SYSTEM COMPONENTS, REACTOR LATTICE PARAMETERS
YANKEE CORE EVALUATION PROGRAM.
WCAP-6079 18I U 41 15 HC$ 3.00 MF$ 0.75

REACTOR SYSTEM COMPONENTS, REACTOR MATERIALS
IRRADIATION BEHAVIOR OF ZR-U DRIVER TUBES FOR HWCTR,
DP-994 18J U 41 15 HC$ 1.00 MF$ 0.50

SPERT PROJECT.
IDO-17146 18I U 41 15 HC$ 2.00 MF$ 0.50

PIN TECHNIQUE FOR DISPLACEMENT MEASUREMENTS IN KIWI TNT.
LA-3388 18J U 41 15 HC$ 1.00 MF$ 0.50

SUMMARY DESIGN REPORT FOR MELBA TEST IN PWR CORE 2 BLANKET,
WAPD-TM-483 18I U 41 15 HC$ 3.00 MF$ 0.75

THE HOMOGENIZATION AND DENSIFICATION OF ZRO2 + UO2 FUELS UNDER IRRADIATION,
WAPD-301 18J N 20 12 HC$ 3.00 MF$ 0.75

REACTOR SYSTEM COMPONENTS, REACTOR OPERATION
OPERATIONS PLAN - OPERATION HENRE.
CEX-65.03 6R U 41 15 HC$ 1.00 MF$ 0.50

REACTOR SYSTEMS COMPONENTS, POWER REACTORS
BOILING NUCLEAR SUPERHEATER (BONUS) POWER STATION.
CEND/PRWRA-257 18I U 41 15 HC$ 9.00 MF$ 2.50

READING MACHINES, LINGUISTICS
TOWARD THE DEVELOPMENT OF A MACHINE WHICH COMPREHENDS,
PB-170 497 9B U 41 15 HC$ 9.60 MF$ 0.75

RECORDING SYSTEMS, DESIGN
DISCLOSURES ON MAGNETIC TAPE HANDLER, FOCUS DETECTOR, MULTI-PEN RECORDER, SIGNAL AVERAGING FILTER, ELECTROSTATIC RMS VOLTMETER, BACK-UP RING FOR O-RINGS, AND LOW TEMPERATURE SOLID STATE THERMOMETER.
NBS-TN-287 14B U 41 15 HC$ 0.25 MF$ 0.50

RECREATION, ECONOMICS
FEASIBILITY STUDY. NATURAL BRIDGE, TENNESSEE.
PB-170 217 5C U 41 15 HC$ 4.00 MF$ 0.75

A TOURIST AND RECREATION FEASIBILITY STUDY OF THE UNITAH-OURAY INDIAN RESERVATION,
PB-170 219 5C U 41 15 HC$ 4.00 MF$ 1.00

THE SKIER MARKET IN NORTHEAST NORTH AMERICA.
PB-170 222 5C U 41 15 HC$ 3.00 MF$ 0.75

TOURIST AND RECREATION POTENTIAL: LAKE CHAMPLAIN-ADIRONACK AREA (ESSEX AND CLINTON COUNTIES, NEW YORK AND GRAND ISLE COUNTY, VERMONT),
PB-170 234 5C U 41 15 HC$ 4.00 MF$ 1.00

TOURIST AND RECREATION POTENTIAL: MONROE COUNTY, OHIO.
PB-170 235 5C U 41 15 HC$ 3.00 MF$ 0.75

TOURIST AND RECREATION POTENTIAL: PINE RIDGE INDIAN RESERVATION AREA, SOUTH DAKOTA (BENNETT, SHANNON, AND WASHABAUGH COUNTIES, INCLUDING THE NON-MONUMENT SECTION OF THE BADLANDS - AERIAL GUNNERY RANGE).
PB-170 238 5C U 41 15 HC$ 3.00 MF$ 0.75

TOURIST AND RECREATION POTENTIAL: SOUTHERN AND EASTERN SOUTH CAROLINA (26 COUNTIES).
PB-170 240 5C U 41 15 HC$ 5.00 MF$ 1.00

ECONOMIC POTENTIAL OF RECREATION AT THE BIG BEND RESERVOIR, SOUTH DAKOTA.
PB-170 293 5C U 41 15 HC$ 4.00 MF$ 1.00

ECONOMIC FEASIBILITY OF LAKEWOOD VILLAGE. A PROPOSED RESORT IN HUMPHREYS COUNTY, TENNESSEE.
PB-170 339 5C U 41 15 HC$ 3.00 MF$ 0.75

RECREATION, FLORIDA
TOURIST AND RECREATION POTENTIAL: LAFAYETTE AND SUWANNE COUNTIES, SUWANNE RIVER AREA, FLORIDA.
PB-170 233 5C U 41 15 HC$ 4.00 MF$ 0.75

RECREATION, IDAHO
TOURIST AND RECREATION POTENTIAL: IDAHO 'PANHANDLE' AREA.
PB-170 230 5C U 41 15 HC$ 4.00 MF$ 0.75

RECREATION, ILLINOIS
APRE-FEASIBILITY STUDY OF POSSIBLE PROJECT FOR RIVER VIEW ESTATES, INC., CALHOUN COUNTY, ILLINOIS.
PB-170 246 5C U 41 15 HC$ 2.00 MF$ 0.50

A PRE-FEASIBILITY STUDY OF PROJECTS PROPOSED BY HIDDEN VALLEY RANCH, INC., CALHOUN COUNTY, ILLINOIS.
PB-170 279 5C U 41 15 HC$ 3.00 MF$ 0.75

RECREATION, MARYLAND
TOURIST AND RECREATION POTENTIAL: SOUTHERN MARYLAND (CALVERT, CHARLES AND ST. MARY'S COUNTIES,
PB-170 231 5C U 41 15 HC$ 3.00 MF$ 0.75

RECREATION, NORTH CAROLINA
TOURIST AND RECREATION POTENTIAL WESTERN NORTH CAROLINE (ALLEGHANY, ASHE, AVERY, CHEROKEE, CLAY, GRAHAM, MACON, MADISON, MITCHELL, SWAIN, WATAUGA, AND YANCEY COUNTIES),
PB-170 259 5C U 41 15 HC$ 4.00 MF$ 1.00

RECREATION, PENNSYLVANIA
TOURIST AND RECREATION POTENTIAL: THE JUNIATA MOUNTAINS AREA SOUTH CENTRAL PENNSYLVANIA (BEDFORD, BLAIR, CENTRE, FULTON, HUNTINGDON, JUNIATA, MIFFLIN AND PERRY COUNTIES),
PB-170 232 5C U 41 15 HC$ 4.00 MF$ 0.75

DEVELOPMENT PLAN FOR MAUCH CHUNK CREEK WATERSHED AREA, CARBON COUNTY, PA.
PB-170 251 5C U 41 15 HC$ 4.00 MF$ 0.75

OUTDOOR RECREATION RESOURCES OF SOUTHERN LAUREL HIGHLANDS, PENNSYLVANIA. VOLUME I. FINDINGS AND RECOMMENDATIONS.
PB-170 280 5C U 41 15 HC$ 3.00 MF$ 0.75

OUTDOOR RECREATION RESOURCES OF SOUTHERN LAUREL HIGHLANDS, PENNSYLVANIA. VOLUME II, SECTION A. ECONOMIC ASPECTS. SECTION B. HISTORIC STUDY. SECTION C. SUPPORTING DATA TO THE FINDINGS AND RECOMMENDATIONS.
PB-170 281 5C U 41 15 HC$ 5.00 MF$ 1.00

RECREATION, RHODE ISLAND
DETERMINATION OF FEASIBILITY OF PROPOSED RHODE ISLAND OCEANARIUM.
PB-170 261 5C U 41 15 HC$ 2.00 MF$ 0.50

RECREATION, WEST VIRGINIA
TOURIST AND RECREATION POTENTIAL: EASTERN PANHANDLE AREA, W. VA. (GRANTE, HARDY, HAMSPHIRE, MINERAL AND MORGAN COUNTIES),
PB-170 227 5C U 41 15 HC$ 3.00 MF$ 0.75

MASTER PLAN FOR RECREATIONAL-TOURISM DEVELOPMENT OF MIDDLE ISLAND CREEK TYLER COUNTY, WEST VIRGINIA.
PB-170 258 5C U 41 15 HC$ 5.00 MF$ 1.00

RECTIFIERS, MANUFACTURING METHODS
A PRODUCT ENGINEERING MEASURE FOR THE IMPROVEMENT OF PRODUCTION TECHNIQUES TO INCREASE THE RELIABILITY AND TO IMPROVE PRODUCT CAPABILITY OF HIGH VOLTAGE MINIATURE SILICON RECTIFIERS.
AD-634 386 9A T 66 15 HC$ 2.00 MF$ 0.50

REENTRY VEHICLES, ATMOSPHERE ENTRY
SHOCK-SHOCK INTERACTION THEORY INCLUDING REAL GAS AND THREE DIMENSIONAL EFFECTS.
AD-634 600 22C T 66 15 HC$ 3.00 MF$ 0.75

REENTRY VEHICLES, DRAG
HIGH-ALTITUDE REENTRY DRAG EFFECTS,
AD-634 390 22C T 66 15 HC$ 1.00 MF$ 0.50

REFINING(METALLURGY), COLORADO
COLORADO METAL REFINING STUDY.
PB-170 285 5C U 41 15 HC$ 3.00 MF$ 0.75

REFRACTORY MATERIALS, TRANSPORT PROPERTIES
STUDY OF TRANSPORT PROPERTIES OF REFRACTORY SEMICONDUCTING COMPOUNDS.
AD-634 528 20L T 66 15 HC$ 2.00 MF$ 0.50

REFRACTORY METAL ALLOYS, COATINGS
STUDY OF DUCTILE COATINGS FOR THE OXIDATION PROTECTION OF COLUMBIUM AND MOLYBDENUM ALLOYS.
AD-634 402 11C T 66 15 HC$ 2.00 MF$ 0.50

REFRACTORY METAL ALLOYS, REACTOR MATERIALS
HIGH-TEMPERATURE MATERIALS PROGRAM.
GEMP-55A 18J U 41 15 HC$ 3.00 MF$ 0.75

REFRACTORY METALS, DUCTILITY
DUCTILITY OF REFRACTORY METALS THROUGH THERMAL TECHNIQUES,
AD-634 665 11F T 66 15 HC$ 1.00 MF$ 0.50

REFRACTORY METALS, ZONE MELTING
THE MICROSTRAIN REGION IN HIGH-PURITY REFRACTORY METALS.
AD-634 128 11F T 66 15 HC$ 2.00 MF$ 0.50

REFUELING, HYDRAULIC SYSTEMS
AMF ON-POWER REFUELING SYSTEM FOR A AONDU-TYPE REACTOR. PROTOTYPE REFUELING HEAD.
AMF-338-TR-4 18I U 41 15 HC$ 6.00 MF$ 1.50

REINFORCED CONCRETE, FAILURE(MECHANICS)
REINFORCEMENT LAP FAILURES.
PB-169 497 13C U 41 15 HC$ 2.00 MF$ 0.50

REINFORCING MATERIALS, SCIENTIFIC RESEARCH
FEDERAL MATERIALS RESEARCH PROGRAM-OPPORTUNITIES, ROADBLOCKS AND PROBLEMS.
TID-22424 11F U 41 15 HC$ 2.00 MF$ 0.50

RELATIVITY THEORY, PARTIAL DIFFERENTIAL EQUATIONS
THE NULL BUNDLE OF AN EINSTEIN-RIEMANN SPACE III: EXTENSION,
AD-634 257 20J T 66 15 HC$ 2.00 MF$ 0.50

RELIABILITY(ELECTRONICS, RADIO EQUIPMENT
TECHNIQUE USED IN DETERMINING FIELD OPERATIONAL RELIABILITY.
AD-634 385 14D T 66 15 HC$ 1.00 MF$ 0.50

RELIABILITY, WEAPON SYSTEMS
DEVELOPMENT OF WEAPON SYSTEM RELIABILITY GOALS FROM OPERATIONS ANALYSIS,
AD-634 739 14D T 66 15 HC$ 1.10 MF$ 0.50

REMOTE CONTROL SYSTEMS, NUCLEAR ENGINEERING
REMOTE HANDLING OF MOBILE NUCLEAR SYSTEMS,
TID-21719 18E U 41 15 HC$ 4.50 MF$ 2.75

REPLACEMENT THEORY, INVENTORY CONTROL
OPTIMAL REPLACEMENT AND INSPECTION OF STOCHASTICALLY FAILING EQUIPMENT,
AD-634 198 15E T 66 15 HC$ 4.60 MF$ 0.50

REPORTS, CLASSIFICATION
UNCLASSIFIED PUBLICATIONS, 1965.
RFP-516A 5B N 20 12 HC$ 2.00 MF$ 0.50

REPORTS, IDENTIFICATION
REPORT NUMBER SERIES USED BY THE DIVISION OF TECHNICAL INFORMATION IN CATALOGING REPORTS,
TID-85(5TH REV.) 5B N 20 13 HC$ 4.00 MF$ 1.00

REPRODUCTION, LOGISTICS
MODERNIZATION OF REPRODUCTION TRAINS.
AD-634 184 14E T 66 15 HC$ 2.00 MF$ 0.50

RESEARCH PROGRAM ADMINISTRATION, NAVAL RESEARCH
A STUDY OF METHODS WHICH COULD IMPROVE THE RELEVANCE OF NAVAL APPLIED RESEARCH AND EXPLORATORY DEVELOPMENT,
AD-634 389 5A T 66 15 HC$ 4.00 MF$ 1.00

RESEARCH REACTORS, FISSION NEUTRONS
OPERATIONS PLAN - OPERATION HENRE.
CEX-65.03 6R U 41 15 HC$ 1.00 MF$ 0.50

RESEARCH REACTORS, NEUTRON FLUX
MESURES DU COEFFICIENT DE DIFFUSION RADIAL DANS AQUILON II PAR L'ETUDE DE LA DISTORSION DE LA STRUCTURE FINE (MEASUREMENT OF THE RADIAL DIFFUSION CONSTANT AT AQUILON II BY MEANS OF THE STUDY OF THE DISTORTION OF THE FINE STRUCTURE),
PB-169 359 18K U 41 15 HC$ 3.60 MF$ 0.50

RESISTORS, CALIBRATION
DECADE RESISTORS' GENERAL RESISTANCE 105T AND 106T ANGSTROHM 106P AND 107P.
PB-169 991 14B U 41 15 HC$ 1.10 MF$ 0.50

RESONATORS, DIELECTRICS
THEORY OF A CIRCULAR DIELECTRIC RESONATOR. II,
AD-634 246 20E T 66 15 HC$ 1.00 MF$ 0.50

THEORY OF A CIRCULAR DIELECTRIC RESONATOR. I,
AD-634 248 20E T 66 15 HC$ 1.00 MF$ 0.50

RESONATORS, LASERS
THE RADIATION POWER OF GAS OPTICAL QUANTUM GENERATORS (LASERS) WITH PLANE MIRRORS AS A FUNCTION OF THE MIRROR MISALIGNMENT ANGLE,
AD-634 247 20E T 66 15 HC$ 1.00 MF$ 0.50

RESPIRATION, NITROGEN MUSTARDS
THE ENZYMIC TRANSFORMATION OF SECONDARY NITROGEN MUSTARDS: IMPLICATIONS IN RESPIRATION,
AD-634 653 6A T 66 15 HC$ 1.00 MF$ 0.50

RETINA, EXPLOSION EFFECTS
PREDICTION OF EYE SAFE SEPARATION DISTANCES.
AD-634 723 15F T 66 15 HC$ 2.00 MF$ 0.50

RHEOLOGY, THEORY

THE FUNDAMENTALS OF MATERIALS RESEARCH. PART I. VISCOELASTICITY,
AD-461 271 20K U 41 15 HC$ 3.00

RHODE ISLAND, ECONOMICS
DETERMINATION OF FEASIBILITY OF PROPOSED RHODE ISLAND OCEANARIUM.
PB-170 261 5C U 41 15 HC$ 2.00 MF$ 0.50

FEASIBILITY OF INDUSTRIAL SITE RECLAMATION IN THE MOSHASSUCK RIVER VALLEY PAWTUCKET, RHODE ISLAND.
PB-170 284 3C U 41 15 HC$ 4.00 MF$ 1.00

RHODE ISLAND, INDUSTRIES
FEASIBILITY STUDY OF AN INDUSTRIAL PARK DEVELOPMENT PROJECT IN WOONSOCKET, RHODE ISLAND.
PB-170 270 5C U 41 15 HC$ 3.00 MF$ 0.75

RIBONUCLEIC ACIDS, BIOSYNTHESIS
THE INFLUENCE OF AN ARBOVIRUS INFECTION ON HOST-CELL RIBONUCLEIC ACID AND PROTEIN SYSTHESIS,
AD-634 620 6M T 66 15 HC$ 1.00 MF$ 0.50

RINGS, BUCKLING(MECHANICS
BUCKLING OF RADIALLY CONSTRAINED THIN CIRCULAR RINGS UNDER INERTIA LOADING,
AD-634 433 20K T 66 15 HC$ 1.00 MF$ 0.50

RIVERS, COOLING
AN EVALUATION OF THE USE OF SELECTIVE DISCHARGES FROM LAKE ROOSEVLET TO COOR THE COLUMBIA RIVER,
BNWL-208 13B U 41 15 HC$ 3.00 MF$ 0.75

RIVETED JOINTS, ALUMINUM ALLOYS
RESEARCH ON CUMULATIVE DAMAGE IN FATIGUE OF RIVETED ALUMINUM ALLOY JOINTS,
AD-634 585 13H T 66 15 HC$ 8.60 MF$ 0.75

ROADS, GREENLAND
SNOW STUDIES AND OTHER OBSERVATIONS - OPERATION KING DOG, SONDRESTROM, GREENLAND.
AD-634 469 8L T 66 15 HC$ 2.60 MF$ 0.50

ROADS, PHOTOGRAMMETRY
AERIAL PHOTOGRAPHY IN THE UNIFIED INFORMATION SYSTEM,
PB-169 495 13B U 41 15 HC$ 1.00 MF$ 0.50

ROADS, TRAFFIC
A MODEL FOR TRAFFIC FLOWS ON A TWO-LANE TWO-WAY RURAL HIGHWAY.
AD-634 597 13B T 66 15 HC$ 4.00 MF$ 0.75

ROCK SALT, WAVE TRANSMISSION
SEISMIC-WAVE PROPAGATION FROM SALT-DOME ENVIRONMENTS,
AD-444 492 8K U 41 15 HC$ 6.60

ROCKET CASES, MATERIALS
LARGE MOTOR CASE TECHNOLOGY EVALUATION, VOLUME I.
AD-464 722 21H U 41 15 HC$13.60

ROCKET CASES, STRETCH FORMING
EVALUATION OF THREE ARDE-PORTLAND CRYOGENIC STRETCHED FORMED SUBSCALE ROCKET MOTOR CASES,
AD-462 137 21H U 41 15 HC$13.60

ROCKET LAUNCHERS, MAN
DEVELOPMENT OF A ROCKET-BLAST SIMULATOR: DESIGN AND TEST,
AD-449 417 19G U 41 15 HC$ 6.60

ROCKET LAUNCHING, BLAST
DEVELOPMENT OF A ROCKET-BLAST SIMULATOR: DESIGN AND TEST,
AD-449 417 19G U 41 15 HC$ 6.60

ROCKET MOTOR NOZZLES, CHEMICAL REACTIONS
PRINCIPLES GOVERNING THE BEHAVIOR OF SOLID MATERIALS IN SEVERE HIGH TEMPERATURE ENVIRONMENTS.
AD-466 458 21H U 41 15 HC$ 6.60 MF$ 0.75

ROCKET MOTOR NOZZLES, EROSION
MECHANISMS OF EROSION OF TITANIUM BORONITRIDE ROCKET NOZZLES.
AD-634 136 21H T 66 15 HC$ 2.00 MF$ 0.50

ROCKET MOTORS(SOLID PROPELLANT), ROCKET CASES
LARGE MOTOR CASE TECHNOLOGY EVALUATION, VOLUME I.
AD-464 722 21H U 41 15 HC$13.60

ROCKET MOTORS, DROP TESTING
POODLE THRUSTER AERODYNAMIC DROP TEST,
SC-RR-65-609 21F N 20 12 HC$ 5.00 MF$ 1.00

ROCKET MOTORS, PROGRAMMING(COMPUTERS)
THE FLOSS IV COMPATIBLE PROGRAMS, INCLUDING PROCEDURES FOR THE REAL GASDYNAMIC, ONE-DIMENSIONAL PERFORMANCE ANALYSES OF NUCLEAR RAMJET AND ROCKET ENGINES,
UCRL-7644 9B U 41 15 HC$ 4.00 MF$ 1.00

ROCKET PROPELLANT GRAINS, STRESSES
APPLICATION OF THE FINITE ELEMENT METHOD TO STRESS ANALYSIS OF SOLID PROPELLANT ROCKET GRAINS. VOLUME II, PART I,
AD-476 515 21I U 41 15 HC$10.60 MF$ 0.75

AD-476 735 21I U 41 15 HC$10.60 MF$ 0.75

RODS, PLASTICITY
IMPACT ON RODS OF NON-LINEAR VISCOPLASTIC MATERIAL NUMERICAL AND APPROXIMATE SOLUTIONS.
AD-634 700 20K T 66 15 HC$ 2.00 MF$ 0.50

RODS, VIBRATION
FOURIER-TRANSFORM TECHNIQUE FOR MEASURING TERMINATING IMPEDANCES.
AD-634 745 20K T 66 15 HC$ 2.00 MF$ 0.50

ROLLING(METALLURGY), SHIP PLATES
ROLLING HISTORY IN RELATION TO THE TOUGHNESS OF SHIP PLATE.
AD-465 025 13H U 41 15 HC$ 3.00 MF$ 0.50

ROTOR BLADES(ROTARY WINGS), PROPELLER NOISE
HELICOPTER BLADE SLAP,
AD-634 644 20A T 66 15 HC$ 1.00 MF$ 0.50

RUBY, LINE SPECTRUM
INVESTIGATION OF EXCHANGE EFFECTS IN RUBY BY LINE SHAPE COMPARISONS,
AD-634 688 20E T 66 15 HC$ 1.00 MF$ 0.50

RUNWAYS, DESIGN
BASIS OF RIGID PAVEMENT DESIGN FOR MILITARY AIRFIELDS,
AD-634 614 1E T 66 15 HC$ 3.00 MF$ 0.75

RUTILE, SEMICONDUCTORS
OXIDE SEMICONDUCTOR MATERIALS AND DEVICE RESEARCH.
AD-458 541 20L U 41 15 HC$ 3.00 MF$ 0.75

SALIVA, PROTEINS
PHYSIOLOGIC CHEMISTRY OF THE HUMAN ORAL SECRETIONS. TOTAL PROTEIN CONTENT OF PAROTID FLUID COLLECTED WITHOUT EXOGENOUS STIMULATION.
AD-634 574 6E T 66 15 HC$ 1.00 MF$ 0.50

SANDWICH PANELS, RADOMES
HONEYCOMB CERAMIC RADOME TECHNIQUES.
AD-474 285 17I U 41 15 HC$ 2.00 MF$ 0.50

SAND, FOUNDATIONS(STRUCTURES)
FAILURE MODES OF SAND SURROUNDING A LATERALLY DISPLACED PILE SUBJECTED TO STATIC AND IMPACT LOADS,
AD-470 096 8M U 41 15 HC$ 7.60 MF$ 0.75

SATELLITE TRACKING SYSTEMS, ANTENNAS
STUDY OF ANTENNA AXIS CONFIGURATIONS FOR SATELLITE TRACKING AND CONTINUED STUDY OF TRANSPORTABLE ANTENNA SYSTEMS. VOLUME I.
AD-453 195 9E U 41 15 HC$20.00

STUDY OF ANTENNA AXIS CONFIGURATIONS FOR SATELLITE TRACKING AND CONTINUED STUDY OF TRANSPORTABLE ANTENNA SYSTEMS VOLUME II.
AD-453 196 9E U 41 15 HC$13.60

STUDY OF ANTENNA AXIS CONFIGURATIONS FOR SATELLITE TRACKING AND CONTINUED STUDY OF TRANSPORTABLE ANTENNA SYSTEMS VOLUME III.
AD-453 197 9E U 41 15 HC$11.60

SATELLITE TRACKING SYSTEMS, ATOMIC CLOCKS
USE OF OPTICALLY PUMPED RUBIDIUM VAPOR FREQUENCY STANDARD AS MASTER OSCILLATOR IN SATELLITE TRACKING STATIONS,
AD-424 483 22C U 41 15 HC$ 7.60

SATELLITE TRACKING SYSTEMS, EFFECTIVENESS
SINGLE-STATION COVERAGE FOR EARTH-SATELLITE ORBITS.
AD-634 206 22C T 66 15 HC$ 1.00 MF$ 0.50

SATELLITE TRACKING SYSTEMS, GEODESICS
A GEOMETRIC SIMULTANEOUS MULTISTATION DETERMINATION, WITH CONSTRAINTS, USING DATA FROM GEODETIC SATELLITES,
AD-634 679 8E T 66 15 HC$ 1.00 MF$ 0.50

SATELLITES(ARTIFICIAL), DOPPLER EFFECT
ANALYSIS OF THE OBSERVATIONAL CONTRIBUTIONS TO THE ERRORS OF THE NAVY SATELLITE DOPPLER GEODETIC SYSTEM,
AD-464 349 8E U 41 15 HC$ 8.60

SATELLITES(ARTIFICIAL), GREAT BRITAIN
SPACE PROJECTS IN THE UNITED KINGDOM.
AD-634 570 22D T 66 15 HC$ 2.00 MF$ 0.50

SATELLITES(ARTIFICIAL), MOTION
SATELLITE MOTION IN AN AXI-SYMMETRIC FIELD, WITH AN APPLICATION TO LUNI-SOLAR PERTURBATIONS.
AD-634 291 22C T 66 15 HC$ 4.00 MF$ 0.75

SATELLITES(ARTIFICIAL), ORBITAL TRAJECTORIES
RESONANCE EFFECTS FOR SATELLITES WITH NOMINALLY CONSTANT GROUND TRACK,
PB169 455 22C U 41 15 HC$ 2.60 MF$ 0.50

SATELLITES(ARTIFICIAL), PLASMA SHEATH
EXISTENCE OF PLASMA CLOUDS AROUND SATELLITES.
AD-634 500 20I T 66 15 HC$16.50 MF$ 1.00

SATELLITES(ARTIFICIAL), STABILIZATION SYSTEMS
ON THE DYNAMICS OF A SATELLITE STABILIZED BY WIRES.
AD-479 217 22B U 41 15 HC$ 2.00 MF$ 0.50

SATELLITES(ARTIFICIAL, AERODYNAMICS
AERODYNAMIC TORQUE ON A SPINNING SPHERICAL SATELLITE WITH APPLICATION TO MEASUREMENT OF ACCOMMODATION COEFFICIENTS,
AD-634 273 22C T 66 15 HC$ 3.00 MF$ 0.75

SATURN LAUNCH VEHICLE
SATURN STAGE S-I-8 FINAL STATIC TEST REPORT,
N66-16073 21H U 41 15 HC$ 5.00 MF$ 1.00

SATURN S-IB STAGE
SATURN S-IB STAGE. FINAL STATIC TEST REPORT, STAGE S-IB-1,
N66-16080 22D U 41 15 HC$ 5.00 MF$ 1.00

SCHEDULING, COMPUTERS
TIME-SHARING ON A MULTICONSOLE COMPUTER,

AD-462 158 9B U 41 15 HC$ 2.60

SCHEDULING, DYNAMIC PROGRAMMING
DYNAMIC PROGRAMMING SOLUTION OF ALLOCATION PROBLEMS,
PB-169 659 12B U 41 15 HC$ 1.60

SCHEDULING, MANAGEMENT ENGINEERING
CRITICAL-PATH METHOD FOR SCHEDULING THE TRANSURANIUM PROCESSING PLANT AN APPRAISAL,
ORNL-3925 12B N 20 12 HC$ 2.00 MF$ 0.50

A TECHNIQUE OF RESOURCE ALLOCATION FOR USE WITH THE CRITICAL PATH METHOD,
PB-169 850 5A U 41 15 HC$ 3.00 MF$ 0.75

SCIENTIFIC SATELLITES, DESIGN
STRUCTURAL DESIGN ANALYSIS AND TESTING OF THE GEOS SATELLITE.
AD-476 286 22B U 41 15 HC$ 5.00 MF$ 1.00

SCINTILLATION COUNTERS, EXPERIMENTAL DATA
COMPUTER CORRECTION FOR SHIFTS IN GAIN AND BASELINE IN GAMMA RAY SCINTILLATION PULSE HEIGHT SPECTRA,
AD-463 130 18D U 41 15 HC$ 2.60

SEA WATER, DESALINATION
1,000,000 GALLON PER DAY MULTISTAGE-MULTIEFFECT IMPROVED DISTILLATION SEA WATER CONVERSION PLANT AT SAN DIEGO, CALIFORNIA.
PB-170 735 13B U 41 15 HC$ 8.10 MF$ 2.25

ENGINEERING FEASIBILITY AND ECONOMIC STUDY FOR DUAL-PURPOSE ELECTRIC POWER-WATER DESALTING PLANT FOR ISRAEL.
66-1-RE 18L N 20 12 HC$ 2.00 MF$ 1.75

SEA WATER, PHYSICAL CHEMISTRY
PHYSICAL CHEMISTRY OF THE DEEP OCEAN ENVIRONMENT,
AD-462 328 8J U 41 15 HC$ 1.00

SEISMIC WAVES, ATTENUATION
ANELASTIC PROPERTIES OF THE EARTH.
AD-634 286 8K T 66 15 HC$ 2.00 MF$ 0.50

SEISMIC WAVES, PROPAGATION
THE SALMON SEISMIC EXPERIMENT,
UCRL-14487(REV.1) 18C U 41 15 HC$ 1.00 MF$ 0.50

SEISMOLOGY, BIBLIOGRAPHIES
VESIAC MONTHLY BULLETIN OF VELA UNIFORM RESEARCH PUBLICATIONS.
AD-634 215 8K T 66 15 HC$ 1.00 MF$ 0.50

SEISMOLOGY, DATA PROCESSING SYSTEMS
A FREQUENCY-DOMAIN SYNTHESIS PROCEDURE FOR MULTIDIMENSIONAL MAXIMUM-LIKELIHOOD PROCESSING OF SEISMIC ARRAYS.
AD-634 233 8K T 66 15 HC$ 8.60 MF$ 0.75

SEISMOLOGY, PERIODICALS
OREGON STATE UNIVERSITY SEISMOLOGICAL BULLETIN NO. 7 JANUARY 1 TO MARCH 31, 1965,
AD-634 349 8K T 66 15 HC$ 1.00 MF$ 0.50

SEISMOLOGY, UNITED STATES
MAGNITUDE DETERMINATION AT REGIONAL AND NEAR-REGIONAL DISTANCES IN THE UNITED STATES.
AD-634 137 8K T 66 15 HC$ 4.00 MF$ 1.00

SEMANTICS, SOCIAL COMMUNICATION
A PILOT STUDY OF CROSS-CULTURAL MEANING,
PB-170 422 5G U 41 15 HC$ 1.10 MF$ 0.50

SEMICONDUCTING FILMS, ELECTRICAL PROPERTIES
INVESTIGATION OF HOT ELECTRON EMITTER.
AD-447 260 9A U 41 15 HC$ 2.60

SEMICONDUCTOR DEVICES, AMPLIFIERS
IS AN AMPLIFIER REALIZABLE WHICH USES THE NEGATIVE MASSES OF SEMICONDUCTOR HOLES,
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THE DEVELOPMENT AND EVALUATION OF A BILATERAL TRIODE SWITCH.
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THIN FILM IMAGE CONVERTER.
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SEMICONDUCTOR DEVICES, PHOTOELECTRIC EFFECT
INVESTIGATION OF HOT ELECTRON EMITTER.
AD-447 260 9A U 41 15 HC$ 2.60

SEMICONDUCTOR DEVICES, SEMICONDUCTING FILMS
FIELD EFFECT AND SPACE-CHARGE-LIMITED THIN FILM TRIODES.
AD-442 635 9A U 41 15 HC$ 4.60

AD-451 775 9A U 41 15 HC$ 8.60

SEMICONDUCTOR FILMS, MANUFACTURING METHODS
FIELD EFFECT TRIODES AND SPACE CHARGE LIMITED TRIODES.
AD-409 102 9A U 41 15 HC$ 7.60

SEMICONDUCTORS, BORON
RESEARCH INVESTIGATIONS IN THE PHYSICAL CHEMISTRY AND METALLURGY OF SEMICONDUCTING MATERIALS.
AD-274 516 20L U 41 15 HC$ 1.00

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INVESTIGATION OF TWO-CARRIER INJECTION ELECTROLUMINESCENCE.
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HIGH-CURRENT PULSE GENERATOR FOR GALLIUM ARSENIDE LASER,
AD-634 507 20E T 66 15 HC$ 1.00 MF$ 0.50

SEMICONDUCTORS, MATERIALS
SILICON CARBIDE FOR SEMICONDUCTORS,
AD-464 777 20L U 41 15 HC$ 2.25

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INVESTIGATION OF TRANSIENT RADIATION DAMAGE IN SEMICONDUCTOR MATERIALS.
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A METHOD OF MAKING THIN-WINDOW GERMANIUM DETECTORS,
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OXIDE SEMICONDUCTOR MATERIALS AND DEVICE RESEARCH.
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RESEARCH IN PURIFICATION AND SINGLE CRYSTAL GROWTH OF II-VI COMPOUNDS.
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STUDY OF TRANSPORT PROPERTIES OF REFRACTORY SEMICONDUCTING COMPOUNDS.
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SENSORY PERCEPTION, SCIENTIFIC RESEARCH
PROGRESS REPORT 45, 1 JULY-31 DECEMBER 1965.
PB-169 179 5J U 41 15 HC$ 1.00 MF$ 0.50

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A COMPARISON OF THE PERFORMANCE CHARACTERISTICS OF TWO SEQUENTIAL PROCEDURES FOR RANKING MEANS OF NORMAL POPULATIONS.
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OPTIMAL SEQUENTIAL PLANS BASED ON PRIOR DISTRIBUTIONS AND COSTS.
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THE AUTOMATIC, ADAPTIVE, SERVO CONTROL FOR STOCHASTIC PROCESSES,
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SET THEORY, BIOLOGY
INVESTIGATIONS IN THE FIELD OF RELATIONAL BIOLOGY.
AD-634 294 6D T 66 15 HC$ 1.00 MF$ 0.50

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PHYSIOLOGY AND CHEMISTRY OF HYPOTHALAMIC FACTORS WHICH INFLUENCE GONADOTROPHIN SECRETION,
AD-634 582 6P T 66 15

SHAPED CHARGE JETS, CAVITY LINERS
A STUDY OF JETS FROM SCALED CONICAL SHAPED CHARGE LINERS.
PB-169 979 19A U 41 15 HC$ 3.60

SHEETS, FLEXURAL STRENGTH
THE REFINEMENT OF THE CLASSICAL FLEXURE THEORY OF ANISOTROPIC PLATES,
AD-634 416 20K T 66 15 HC$ 1.00 MF$ 0.50

SHIELDING, PARTICLE ACCELERATORS
EXPERIMENTAL SHIELDING STUDY OF THE ARGONNE 12.5-MEV TANDEM VAN DE GRAAFF INSTALLATION,
ANL-7139 6R N 20 13 HC$ 1.00 MF$ 0.50

SHIELDING, RADIOACTIVITY
HIGH-STRENGTH, HIGH-DENSITY CONCRETE,
AD-450 625 18F U 41 15 HC$ 7.60

SHIP PLATES, STEEL
INFLUENCE OF STEEL-MAKING VARIABLES ON NOTCH TOUGHNESS,
PB-169 974 13J U 41 15 HC$ 3.60

SHIP PLATES, TOUGHNESS
ROLLING HISTORY IN RELATION TO THE TOUGHNESS OF SHIP PLATE.
AD-465 025 13H U 41 15 HC$ 3.00 MF$ 0.50

SHIP STRUCTURAL COMPONENTS, MODEL TESTS
SMALL SCALE GRILLAGE TESTS,
AD-634 227 13J T 66 15 HC$ 2.00 MF$ 0.50

SHIPS, BALLAST TANKS
AN EXPERIMENTAL PARAMETER STUDY OF THE FLUID FORCE AND MOMENT RESPONSE OF TWO TYPICAL SHIP ROLL STABILIZATION TANKS.
AD-634 730 13J T 66 15 HC$ 3.00 MF$ 0.75

INITIAL DEVELOPMENT OF A NONLINEAR MECHANICAL MODEL FOR THE MOMENT RESPONSE OF FREE-SURFACE ROLL STABILIZATION TANKS.
AD-634 731 13J T 66 15 HC$ 3.00 MF$ 0.75

SHIPS, CONSTRUCTION
BIENNIAL REPORT OF THE SHIP STRUCTURE COMMITTEE.
AD-461 697 13J U 41 15 HC$ 1.00

SHIPS, HYDRODYNAMICS
AN EXPERIMENTAL STUDY OF SHIP RESISTANCE AND MOTIONS IN WAVES -- A TEST FOR LINEAR SUPERPOSITION.
AD-634 330 20D T 66 15 HC$ 2.00 MF$ 0.50

SHOCK TUBES, HYPERSONIC CHARACTERISTICS
NOL HYPERSONIC SHOCK TUNNEL FACILITIES.

AD-447 153 14B U 41 15 HC$ 2.60

SHOCK WAVES, BLAST
SHOCK-SHOCK INTERACTION THEORY INCLUDING REAL GAS AND THREE DIMENSIONAL EFFECTS.
AD-634 600 22C T 66 15 HC$ 3.00 MF$ 0.75

SHOCK WAVES, COMPRESSIBLE FLOW
A STUDY OF TRUNCATION ERRORS IN EULERIAN HYDRODYNAMICS,
LA-3407 9B U 41 15 HC$ 2.00 MF$ 0.50

SHOCK WAVES, DETONATION WAVES
EXPERIMENTAL INVESTIGATION OF THE INITIATION OF DETONATION BEHIND A REFLECTED SHOCK WAVE.
AD-634 288 20D T 66 15 HC$ 2.00 MF$ 0.50

EXPERIMENTAL STUDY OF THE WAVE STRUCTURE OF MARGINAL DETONATION IN A RECTANGULAR TUBE.
AD-634 293 20D T 66 15 HC$ 2.00 MF$ 0.50

SHOCK WAVES, LASERS
DETECTION OF THE RAPID HALATION OF PHOTOIONIZATION AND THE CLOUD OF CONCENTRATED LONG-LIFE IONIZATION RESULTING FROM THE SHOCK WAVE OF A SPARK IN A LASER BEAM,
AD-634 161 20E T 66 15 HC$ 1.00 MF$ 0.50

SHOCK WAVES, MATHEMATICAL ANALYSIS
THE STRUCTURE OF A SHOCK WAVE, CONSIDERING IMPULSE AND ENERGY TRANSFER BY RADIATION,
AD-634 275 20D T 66 15 HC$ 2.00 MF$ 0.50

SHOCK WAVES, PHOTOGRAPHIC ANALYSIS
THE DEVELOPMENT OF A NEW DETERMINATION OF THE DUCTILE-BRITTLE TRANSITION TEMPERATURE.
EURAEC-225 20K U 41 15 HC$ 1.00 MF$ 0.50

SHOCK WAVES, PROBES
USE OF IONIZATION AND THIN-FILM PROBES TO LOCATE SHOCK FRONTS IN A PRESSURE-DRIVEN SHOCK TUBE,
AD-634 509 14B T 66 15 HC$ 1.00 MF$ 0.50

SHOCK WAVES, PROPAGATION
HYDRODYNAMIC ELASTIC PLASTIC THEORY AND PLANE SHOCK WAVES IN METALS,
AD-634 630 20K T 66 15 HC$ 1.00 MF$ 0.50

SHOCK WAVES, REACTION KINETICS
THE STRUCTURE OF SHOCK WAVES IN AIR WITH ACCOUNT BEING TAKEN OF THE KINETICS OF CHEMICAL REACTIONS AND THE EXCITATION OF MOLECULAR VIBRATIONS OF NITROGEN,
AD-634 228 7D T 66 15 HC$ 1.00 MF$ 0.50

HIGH TEMPERATURE GAS KINETIC STUDY OF NITROUS OXIDE DECOMPOSITION PERFORMED WITH A SHOCK TUBE AND QUADRUPOLE MASS-FILTER.
AD-634 399 7D T 66 15 HC$ 3.00 MF$ 0.75

HIGH TEMPERATURE GAS KINETIC STUDY OF CARBONYL SULFIDE DECOMPOSITION PERFORMED WITH A SHOCK TUBE AND QUADRUPOLE MASS-FILTER.
AD-634 423 7D T 66 15 HC$ 4.00 MF$ 0.75

MATRIX ISOLATION AND MASS-SPECTROMETRIC STUDIES OF SPECIES PRODUCED IN A SHOCK TUBE.
AD-634 428 7D T 66 15 HC$ 1.00 MF$ 0.50

SHOCK WAVES, THEORY
A THEORY OF SHOCK INTERACTIONS FOR MULTIPLE UNDERGROUND NUCLEAR EXPLOSIONS AND THE RESULTING HYPOTHETICAL CRATER VOLUMES,
AD-634 674 18C T 66 15 HC$ 1.00 MF$ 0.50

SHOCK WAVES, UNDERWATER
WATER SHOCK WAVES FROM ABOVE-WATER EXPLOSIONS,
AD-634 631 20D T 66 15 HC$ 1.00 MF$ 0.50

SHOCK WAVES, VISCOELASTICITY
THE EXISTENCE OF ONE-DIMENSIONAL STEADY SHOCK WAVES IN NONLINEAR MATERIALS WITH MEMORY.
AD-634 533 20K T 66 15 HC$ 2.00 MF$ 0.50

SHOCK(MECHANICS), ACCELEROMETERS
INVESTIGATION OF USE OF ACCELEROMETERS FOR TRANSIENT DISPLACEMENT MEASUREMENTS,
AD-450 999 14B U 41 15 HC$ 2.60

SHOCK(PATHOLOGY), HEMORRHAGE
PATTERN OF PHYSIOLOGICAL VARIABLES IN SLOW BLOOD LOSS SHOCK,
AD-634 643 6E T 66 15 HC$ 1.00 MF$ 0.50

SHOCK(PATHOLOGY), THERAPY
STUDIES ON ETIOLOGY OF EXPERIMENTAL SHOCK.
AD-634 383 6E T 66 15 HC$ 1.00 MF$ 0.50

SHORT TAKE-OFF PLANES, AERODYNAMICS
CHARTS FOR ESTIMATING AERODYNAMIC FORCES ON STOL AIRCRAFT WINGS IMMERSED IN PROPELLER SLIPSTREAMS.
AD-634 722 20D T 66 15 HC$ 3.00 MF$ 0.75

SHORT TAKE-OFF PLANES, SYMPOSIA
PROCEEDINGS OF NATIONAL V/STOL AIRCRAFT SYMPOSIUM (1ST), SUPPLEMENT, HELD 3-4 NOVEMBER 1965 AT WRIGHT-PATTERSON AFB, OHIO.
AD-634 548 1C T 66 15 HC$ 4.00 MF$ 1.00

SIGMA HYPERONS, RESONANCE
A 'SIGMA PI PI' MASS ENHANCEMENT AND A NEARBY TRIANGLE SINGULARITY,
AD-634 340 20J T 66 15 HC$ 1.00 MF$ 0.50

SIGNAL GENERATORS, CALIBRATION
RF SIGNAL GENERATOR SET: AN/URM-26 (SG-45), AN/URM-26A (SG-45A), AN/URM-26B (SG-117).
PB-170 205 14B U 41 15 HC$ 2.60 MF$ 0.50

SIGNAL-TO-NOISE RATIO, SPEECH
A STUDY OF ACOUSTICAL MULTIPATH SYSTEMS. SECTION II. SUBJECTIVE TESTING.
AD-634 369 9A T 66 15 HC$ 1.00 MF$ 0.50

SILANES, HETEROCYCLIC COMPOUNDS
THE PREPARATION OF SMALL RING COMPOUNDS CONTAINING SILICON. PART I. VINYL-HYDROGEN LIGAND EXCHANGE ON SILICON. PART II. THE PREPARATION AND ISOMERIZATION OF MONOCYCLIC SILYLHYDRAZINES. PART III. ON THE ATTEMPTED SYNTHESIS OF THE 1,2-DISILACYCLOBUTANE RING SYSTEM.
AD-634 735 7C T 66 15 HC$ 2.00 MF$ 0.50

SILICON COMPOUNDS, CARBIDES
SILICON CARBIDE FOR SEMICONDUCTORS,
AD-464 777 20L U 41 15 HC$ 2.25

SILICON COMPOUNDS, SYNTHESIS(CHEMISTRY)
THE PREPARATION OF SMALL RING COMPOUNDS CONTAINING SILICON. PART I. VINYL-HYDROGEN LIGAND EXCHANGE ON SILICON. PART II. THE PREPARATION AND ISOMERIZATION OF MONOCYCLIC SILYLHYDRAZINES. PART III. ON THE ATTEMPTED SYNTHESIS OF THE 1,2-DISILACYCLOBUTANE RING SYSTEM.
AD-634 735 7C T 66 15 HC$ 2.00 MF$ 0.50

SILICON CONTROLLED RECTIFIERS, HIGH FREQUENCY
RESEARCH AND DEVELOPMENT OF SILICON CONTROLLED RECTIFIERS FOR HIGH FREQUENCY AMPLIFIER APPLICATIONS.
AD-634 393 9A T 66 15 HC$ 3.00 MF$ 0.75

SILICONE PLASTICS, REINFORCING MATERIALS
FILLER REINFORCEMENT IN SILICONE POLYMERS. PART I. THE EFFECT OF FINELY DIVIDED MATERIALS ON LIQUID POLYMERS.
AD-634 205 11J T 66 15 HC$ 1.00 MF$ 0.50

SILICON, DOPING
ENERGY LEVELS AND NEGATIVE PHOTOCONDUCTIVITY IN COBALT-DOPED SILICON,
AD-634 579 20L T 66 15

SILICON, RECTIFIERS
A PRODUCT ENGINEERING MEASURE FOR THE IMPROVEMENT OF PRODUCTION TECHNIQUES TO INCREASE THE RELIABILITY AND TO IMPROVE PRODUCT CAPABILITY OF HIGH VOLTAGE MINIATURE SILICON RECTIFIERS.
AD-634 386 9A T 66 15 HC$ 2.00 MF$ 0.50

SILICON, TRANSIENTS
INVESTIGATION OF TRANSIENT RADIATION DAMAGE IN SEMICONDUCTOR MATERIALS.
AD-634 488 20L T 66 15 HC$ 1.00 MF$ 0.50

SILVER ALLOYS, CORROSION
THE ATTACK OF COPPER-GOLD, SILVER-GOLD, COPPER-NICKEL, AND SILVER-COPPER ALLOYS BY SULFUR AT ELEVATED TEMPERATURES,
PB-169 085 11F U 41 15 HC$ 3.00 MF$ 0.75

SIMULATORS, NOISE(RADIO
SIMULATION OF THE 1% MINIMUM CROSSTALK LOSSES AT VOICE FREQUENCIES IN A PAIRED CABLE BY MEANS OF A LUMPED-PARAMETER NETWORK,
AD-634 182 17B T 66 15 HC$ 1.00 MF$ 0.50

SINGLE CRYSTALS, SEMICONDUCTORS
RESEARCH IN PURIFICATION AND SINGLE CRYSTAL GROWTH OF II-VI COMPOUNDS.
AD-634 591 20L T 66 15 HC$ 2.00 MF$ 0.50

SINGLE CRYSTALS, TUNGSTEN
LOW-ENERGY ELECTRON DIFFRACTION STUDY OF THE (100) PLANE OF A TUNGSTEN SINGLE CRYSTAL,
RFP-643 20B N 20 13 HC$ 3.00 MF$ 0.50

SITE SELECTION, RHODE ISLAND
FEASIBILITY OF INDUSTRIAL SITE RECLAMATION IN THE MOSHASSUCK RIVER VALLEY PAWTUCKET, RHODE ISLAND.
PB-170 284 3C U 41 15 HC$ 4.00 MF$ 1.00

SLIDING FRICTION
IN-FLIGHT TEST TO DETERMINE SPACE ENVIRONMENTAL EFFECTS ON FRICTION, WEAR, AND LUBRICATION OF MATERIALS,
N66-15241 13H U 41 15 HC$ 1.00 MF$ 0.50

SMALL ARMS, PERFORMANCE(HUMAN)
THE EFFECT OF FLINCHING ON M1 RIFLE MARKSMANSHIP.
AD-477 645 19F U 41 15 HC$ 2.60 MF$ 0.50

SNOW, PHYSICAL PROPERTIES
INSTRUCTIONS FOR MAKING AND RECORDING SNOW OBSERVATIONS.
AD-634 472 8L T 66 15 HC$ 2.60 MF$ 0.50

SNOW, TRAFFICABILITY
SNOW STUDIES AND OTHER OBSERVATIONS - OPERATION KING DOG, SONDRESTROM, GREENLAND.
AD-634 469 8L T 66 15 HC$ 2.60 MF$ 0.50

SOCIAL COMMUNICATION, CULTURE
A PILOT STUDY OF CROSS-CULTURAL MEANING,
PB-170 422 5G U 41 15 HC$ 1.10 MF$ 0.50

SODIUM, SOLUTIONS
STABLE DENSE COLD PLASMA.
AD-417 361 20I U 41 15 HC$ 6.60

SOIL MECHANICS, ADDITIVES
DUSTPROOFING AND WATERPROOFING OF SOILS. LABORATORY STUDIES OF SOIL WATERPROOFING MATERIALS.

AD-450 631 8M U 41 15 HC$ 5.60

SOIL MECHANICS, LOADING(MECHANICS)
FAILURE MODES OF SAND SURROUNDING A LATERALLY DISPLACED PILE SUBJECTED TO STATIC AND IMPACT LOADS,
AD-470 096 8M U 41 15 HC$ 7.60 MF$ 0.75

SOIL MECHANICS, STATISTICAL ANALYSIS
ON THE STATISTICAL PROPERTIES OF THE GROUND CONTOUR AND ITS RELATIONS TO THE STUDY OF LAND LOCOMOTION,
AD-402 334 8M U 41 15 HC$ 4.60

SOIL MECHANICS, TRAFFICABILITY
EFFECTS OF DISTURBANCE TO CLAY SOILS AS MEASURED BY EMPIRICAL SOIL STRESS-STRAIN PARAMETERS,
AD-402 329 8M U 41 15 HC$ 7.60

DEVELOPMENT OF A FORMULA FOR TOWING RESISTANCE FOR A WHEEL IN SOFT SOIL,
AD-634 622 8M T 66 15 HC$ 1.00 MF$ 0.50

SOILS, ADHESION
ULTRA HIGH VACUUM ADHESION AND FRICTION,
AD-634 678 8M T 66 15 HC$ 1.00 MF$ 0.50

SOILS, MILITARY ENGINEERING
RAPID EMPLACEMENT AND RETRIEVING DEVICE FOR GROUND STAKES SP 112/G AND GP-113/G.
AD-427 305 13M U 41 15 HC$19.00

SOILS, MOISTUREPROOFING
DUSTPROOFING AND WATERPROOFING OF SOILS. LABORATORY STUDIES OF SOIL WATERPROOFING MATERIALS.
AD-450 631 8M U 41 15 HC$ 5.60

SOILS, WASHINGTON(STATE)
SOIL SURVEY. HANFORD PROJECT IN BENTON COUNTY, WASHINGTON,
BNWL-243 8G N 20 13 HC$ 1.00 MF$ 0.50

SOLAR FLARES, RADIATION HAZARDS
A NOTE ON THE DOSIMETRIC INTERPRETATION OF RIGIDITY SPECTRA FOR SOLAR PARTICLE BEAMS,
AD-634 608 6R T 66 15 HC$ 1.00 MF$ 0.50

SOLID ROCKET PROPELLANTS, CATALYSIS
MECHANISM OF CIALYTIC IGNITION AND COMBUSTION OF SOLID ROCKET PROPELLANTS.
AD-472 135 21I U 41 15 HC$ 1.10 MF$ 0.50

SOLID ROCKET PROPELLANTS, COMBUSTION
KINETIC STUDY OF ROCKET EXHAUST GASES.
AD-462 506 21I U 41 15 HC$ 2.60

SOLID PROPELLANT COMBUSTION INSTABILITY: OSCILLATORY BURNING OF SOLID ROCKET PROPELLANTS.
AD-634 278 21I T 66 15 HC$ 7.00 MF$ 1.50

SOLID ROCKET PROPELLANTS, EROSIVE BURNING
RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSIVE TRANSIENTS.
AD-634 296 21I T 66 15 HC$ 1.00 MF$ 0.50

SOLID ROCKET PROPELLANTS, IGNITION
RESEARCH ON SOLID PROPELLANT IGNITION. PART I. THEORETICAL SEARCH FOR ANALYTICAL SOLUTIONS TO THE GAS PHASE IGNITION PROBLEM. PART II. EFFECTS OF FUEL VOLATILITY AND OTHER PHYSICAL AND CHEMICAL FACTORS ON IGNITABILITY.
AD-634 276 21I T 66 15 HC$ 3.00 MF$ 0.75

SOLID ROCKET PROPELLANTS, STRESSES
APPLICATION OF THE FINITE ELEMENT METHOD TO STRESS ANALYSIS OF SOLID PROPELLANT ROCKET GRAINS. VOLUME II, PART I,
AD-476 515 21I U 41 15 HC$10.60 MF$ 0.75

AD-476 735 21I U 41 15 HC$10.60 MF$ 0.75

SOLID STATE PHYSICS, REPORTS
SOLID-STATE DIVISION ANNUAL PROGRESS REPORT FOR PERIOD ENDING DECEMBER 31, 1965.
ORNL-3935 20L U 41 15 HC$ 3.00 MF$ 0.75

SOLID STATE PHYSICS, SCIENTIFIC RESEARCH
SEMIANNUAL PROGRESS REPORT NO. 71.
AD-634 148 5A T 66 15 HC$ 3.00 MF$ 0.75

SOLIDS, MECHANICAL PROPERTIES
DESCRIPTION OF MECHANICAL BEHAVIOR OF INELASTIC SOLIDS.
AD-634 702 20K T 66 15 HC$ 2.00 MF$ 0.50

SOLIDS, VISCOELASTICITY
POLYNOMIAL APPROXIMATIONS TO FUNCTIONALS IN THE THEORY OF MATERIALS WITH MEMORY.
AD-634 489 20K T 66 15 HC$ 1.00 MF$ 0.50

THE EXISTENCE OF ONE-DIMENSIONAL STEADY SHOCK WAVES IN NONLINEAR MATERIALS WITH MEMORY.
AD-634 533 20K T 66 15 HC$ 2.00 MF$ 0.50

SOLUTIONS, CONDUCTIVITY
IMPROVED ELECTRODELESS TOROIDAL CONDUCTIVITY ANALYZER,
RFP-657 18D U 41 15 HC$ 1.00 MF$ 0.50

SOLUTIONS, IONS
STRUCTURE MAKERS AND BREAKERS IN WATER: PRESSURE-INDUCED CHANGES IN THE HYDRATION ATMOSPHERES OF IONS IN SOLUTION,
AD-449 831 7D U 41 15 HC$ 2.60

SOLVENT EXTRACTION, CORRELATION TECHNIQUES
FLOODING IN PERFORATED-PLATE PULSED EXTRACTION COLUMNS: A SURVEY OF REPORTED EXPERIMENTAL DATA AND CORRELATIONS, AND THE PRESENTATION OF NEW CORRELATIONS WITH PHYSICAL PROPERTIES, OPERATING VARIABLES, AND COLUMN GEOMETRY,
ORNL-3890 7A U 41 15 HC$ 7.00 MF$ 1.50

SOLVENT REACTIONS, PLUTONIUM
CRITICAL TEMPERATURE OF PLUTONIUM-CHLORINATED SOLVENT REACTIONS,
RFP-688 7B U 41 15 HC$ 1.00 MF$ 0.50

SOLVENTS, ZINC
THE SOLUBILITY OF METALS IN LIQUID ZINC,
ANL-7083 7B N 20 13 HC$ 4.00 MF$ 0.75

SONAR TARGETS, SPHERES
ECHOES FROM HOLLOW ALUMINUM SPHERES IN WATER,
AD-634 546 17A T 66 15 HC$ 2.00 MF$ 0.50

SOUND PITCH, ANALYSIS OF VARIANCE
PITCH VARIATIONS IN VOCODED VOICE.
AD-634 162 5G T 66 15 HC$ 2.00 MF$ 0.50

SOUNDING ROCKET
A STUDY TO DEFINE A STATE-OF-THE-ART ROCKET VEHICLE SUITABLE FOR SYNOPTIC METEOROLOGICAL SOUNDINGS, VOLUME 1.
N66-14526 16C U 41 15 HC$ 4.00 MF$ 1.00

SOUNDING ROCKETS, ATMOSPHERIC SOUNDING
METEOROLOGICAL ROCKET NETWORK FIRINGS. SEPTEMBER 1965 FIRINGS.
AD-634 381 4B T 66 15 HC$ 5.00 MF$ 1.00

SOUNDING ROCKETS, IMPACT PREDICTION
REAL-TIME METEOROLOGICAL SYSTEM FOR SUPPORT OF UNGUIDED-ROCKET FIRINGS,
AD-634 672 4B T 66 15 HC$ 1.00 MF$ 0.50

SOUND, ABSORPTION
ABSORPTION OF SOUND NEAR THE CRITICAL POINT OF THE NITROBENZENE-ISO-OCTANE SYSTEM,
AD-634 578 7D T 66 15

SOUND, PROPAGATION
ANECHOIC COATING PROJECT: REPORT ON THE DETERMINATION OF ACOUSTIC PROPERTIES OF MATERIALS BY PROPAGATION OF WAVES IN WATER FILLED TUBES,
AD-634 203 20A T 66 15 HC$ 3.00 MF$ 0.75

SOUND, SCATTERING
DIFFRACTION OF A PLANE WAVE BY A PARABOLOID OF REVOLUTION.
AD-634 758 20C T 66 15 HC$ 4.00 MF$ 0.75

SOUTH CAROLINA, ECONOMICS
TOURIST AND RECREATION POTENTIAL: SOUTHERN AND EASTERN SOUTH CAROLINA (26 COUNTIES),
PB-170 240 5C U 41 15 HC$ 5.00 MF$ 1.00

SOUTH DAKOTA, ECONOMICS
TOURIST AND RECREATION POTENTIAL: PINE RIDGE INDIAN RESERVATION AREA, SOUTH DAKOTA (BENNETT, SHANNON, AND WASHABAUGH COUNTIES, INCLUDING THE NON-MONUMENT SECTION OF THE BADLANDS - AERIAL GUNNERY RANGE),
PB-170 238 5C U 41 15 HC$ 3.00 MF$ 0.75

SHOPPING FACILITY FEASIBILITY STUDY: PINE RIDGE, SOUTH DAKOTA,
PB-170 249 5C U 41 15 HC$ 3.00 MF$ 0.75

SOUTH DAKOTA, RECREATION
ECONOMIC POTENTIAL OF RECREATION AT THE BIG BEND RESERVOIR, SOUTH DAKOTA,
PB-170 293 5C U 41 15 HC$ 4.00 MF$ 1.00

SPACE BIOLOGY, BIBLIOGRAPHIES
SCIENTIFIC PUBLICATIONS OF THE EXOBIOLOGY PROGRAM, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION,
PB-169 408 6C U 41 15 HC$ 2.00 MF$ 0.50

SPACE FLIGHT, SIMULATION
CHIMPANZEE PERFORMANCE DURING EIGHT DAYS OF SIMULATED ORBITAL FLIGHT,
AD-430 655 6C U 41 15 HC$ 2.60

SPACE PERCEPTION, LEARNING
EFFECT OF LEARNING ON THE VISUAL PERCEPTION OF DEPTH.
AD-634 542 5J T 66 15 HC$ 2.00 MF$ 0.50

SPACE PROPULSION, ROCKET MOTORS
POODLE THRUSTER AERODYNAMIC DROP TEST,
SC-RR-65-609 21F N 20 12 HC$ 5.00 MF$ 1.00

SPACECRAFT DEBRIS, DISPOSAL
CONTROLLED DEORBIT,
SC-RR-65-472 22C U 41 15 HC$ 3.00 MF$ 0.50

SPACECRAFT, NUCLEAR PROPULSION
HIGH-TEMPERATURE RADIOISOTOPE THERMOELECTRIC GENERATOR FOR SPACE APPLICATIONS.
TID-22350 10A N 20 12 HC$ 4.00 MF$ 1.00

SPECTRAL LINES, READING
EVALUATION OF DIRECT READING ATTACHMENT FOR EMISSION SPECTROGRAPH,
RFP-644 18D N 20 13 HC$ 2.00 MF$ 0.50

SPECTROPHOTOMETERS, TANTALUM
SEPARATION AND SPECTROPHOTOMETRIC MEASUREMENT OF LOW CONCENTRATIONS OF TANTALUM,
LA-3465 7B U 41 15 HC$ 1.00 MF$ 0.50

SPECTRUM ANALYZERS, MASS SPECTROSCOPY
A NEW TYPE OF LOW-RESOLUTION MASS SPECTROMETER,
AD-634 235 14B T 66 15 HC$ 2.00 MF$ 0.50

SPECTRUM ANALYZERS, MOSSBAUER EFFECT
A MOSSBAUER SPECTROMETER,
AD-634 658 20F T 66 15 HC$ 1.00 MF$ 0.50

SPEECH RECOGNITION, ACOUSTICS
A STUDY OF ACOUSTICAL MULTIPATH SYSTEMS. SECTION I. THEORY AND PROGRAM.
AD-634 378 20A T 66 15 HC$ 1.00 MF$ 0.50

SPEECH RECOGNITION, PROGRAMMING(COMPUTERS)
WORD-RECOGNITION COMPUTER PROGRAM.
AD-634 304 9B T 66 15 HC$ 1.00 MF$ 0.50

SPEECH, SIGNAL-TO-NOISE RATIO
A STUDY OF ACOUSTICAL MULTIPATH SYSTEMS. SECTION II. SUBJECTIVE TESTING.
AD-634 369 9A T 66 15 HC$ 1.00 MF$ 0.50

SPEECH, SOUND PITCH
PITCH VARIATIONS IN VOCODED VOICE.
AD-634 162 5G T 66 15 HC$ 2.00 MF$ 0.50

SPHERES, SONAR TARGETS
ECHOES FROM HOLLOW ALUMINUM SPHERES IN WATER,
AD-634 546 17A T 66 15 HC$ 2.00 MF$ 0.50

STABLE ISOTOPES, NUCLEAR ENERGY LEVELS
CHARGE STRUCTURE OF THE CALCIUM ISOTOPES,
AD-634 295 18B T 66 15 HC$ 2.00 MF$ 0.50

STANDARD
ELECTROCHEMICAL DATA, PART I.
N66-14482 7D U 41 15 HC$ 2.00 MF$ 0.50

STANDARDS, NUCLEAR PHYSICS
NUCLEAR AND RADIATION STANDARDS OF IMPORTANCE TO THE NATIONAL ATOMIC ENERGY PROGRAM,
NBS-TN-283 18H U 41 15 HC$ 0.35 MF$ 0.50

STARCHES, RADIATION CHEMISTRY
EFFECT OF HIGH DOSES OF GAMMA RAYS OF CO60 ON POTATO STARCH,
AD-634 415 7E T 66 15 HC$ 1.00 MF$ 0.50

STATISTICAL ANALYSIS, PATTERN RECOGNITION
STATISTICAL IMAGE RECOGNITION CONCEPT (OSIRIS).
AD-634 514 6D T 66 15 HC$ 8.60 MF$ 0.75

STATISTICAL ANALYSIS, SOIL MECHANICS
ON THE STATISTICAL PROPERTIES OF THE GROUND CONTOUR AND ITS RELATIONS TO THE STUDY OF LAND LOCOMOTION,
AD-402 334 8M U 41 15 HC$ 4.60

ON THE STATISTICAL ANALYSIS OF LINEAR VEHICLE DYNAMICS,
AD-402 391 8M U 41 15 HC$ 5.60

STATISTICAL DISTRIBUTIONS, DISTRIBUTION THEORY
A MULTIVARIATE EXPONENTIAL DISTRIBUTION,
AD-634 335 12A T 66 15 HC$ 2.00 MF$ 0.50

STATISTICAL DISTRIBUTIONS, EXPERIMENTAL DESIGN
THE USE OF PRIOR DISTRIBUTIONS IN THE DESIGN OF EXPERIMENTS FOR PARAMETER ESTIMATION IN NONLINEAR SITUATIONS.
AD-634 770 12A T 66 15 HC$ 1.00 MF$ 0.50

STATISTICAL DISTRIBUTIONS, STOCHASTIC PROCESSES
ASYMPTOTIC DISTRIBUTIONS IN SOME NON-REGULAR STATISTICAL PROBLEMS.
AD-634 352 12A T 66 15 HC$ 4.00 MF$ 0.75

STATISTICAL FUNCTIONS, DECISION THEORY
GENERALIZED BAYES DECISION FUNCTIONS, ADMISSIBILITY AND THE EXPONENTIAL FAMILY.
AD-634 774 12A T 66 15 HC$ 1.00 MF$ 0.50

STEEL, AGING(MATERIALS
STRESS-AGING AND ITS EFFECTS ON TENSILE PROPERTIES OF SOME STAINLESS AND ULTRA-HIGH-STRENGTH STEELS,
AD-634 687 13H T 66 15 HC$ 1.00 MF$ 0.50

STEEL, BRITTLENESS
THE EFFECT OF INELASTIC TENSILE PRESTRAIN ON THE BRITTLE FRACTURE PROPERTIES OF ANNEALED 4140 STEEL,
AD-467 523 11F U 41 15 HC$ 5.60 MF$ 0.50

STEEL, CASTINGS
CONTROL OF CAST GRAIN SIZE OF STEEL CASTINGS; EFFECT OF GRAIN REFINEMENT ON PROPERTIES.
AD-634 343 11F T 66 15 HC$ 3.00 MF$ 0.75

STEEL, IMPURITIES
INFLUENCE OF IMPURITIES AND RARE-EARTH ELEMENTS ON THE PROPERTIES OF ALLOYS,
AD-634 697 11F T 66 15 HC$ 6.00 MF$ 1.25

STEEL, MECHANICAL PROPERTIES
ON EFFECTS OF CARBON AND MANGANESE CONTENT AND OF GRAIN SIZE ON DYNAMIC STRENGTH PROPERTIES OF MILD STEEL.
AD-269 862 11F U 41 15 HC$ 3.60

STEEL, NOTCH TOUGHNESS
INFLUENCE OF STEEL-MAKING VARIABLES ON NOTCH TOUGHNESS,
PB-169 974 13J U 41 15 HC$ 3.60

STEEL, WELDS
MECHANICAL AND METALLURGICAL BEHAVIOR OF RESTRAINED WELDS IN SUBMARINE STEELS.
AD-634 747 11F T 66 15 HC$ 3.00 MF$ 0.75

STELLAR EVOLUTION
ON RETARDED EVOLUTION OF PROTOSTARS.
N66-16379 3B U 41 15 HC$ 1.00 MF$ 0.50

STIFFENED CYLINDERS, WEIGHT
WEIGHT SAVINGS DERIVED FROM THE USE OF CONTRASTING MATERIALS IN CONVENTIONALLY STIFFENED CYLINDERS,
AD-634 140 13M T 66 15 HC$ 2.00 MF$ 0.50

STOCHASTIC PROCESSES, CONTROL SIMULATORS
THE AUTOMATIC, ADAPTIVE, SERVO CONTROL FOR STOCHASTIC PROCESSES,
SCL-DC-65-112 18D U 41 15 HC$ 2.00 MF$ 0.50

STOCHASTIC PROCESSES, STATISTICAL DISTRIBUTIONS
ASYMPTOTIC DISTRIBUTIONS IN SOME NON-REGULAR STATISTICAL PROBLEMS.
AD-634 352 12A T 66 15 HC$ 4.00 MF$ 0.75

STORAGE TANKS, TISSUES(BIOLOGY)
A VERSATILE EXPERIMENTAL HYPOTHERMIC-HYPERBARIC OXYGEN CHAMBER FOR WHOLE ORGAN PRESERVATION,
PB-170 487 6L U 41 15 HC$ 1.00 MF$ 0.50

STORAGE TUBES, FIBER OPTICS
SCAN-CONVERSION STORAGE TUBE BASED UPON THE PERMACHON.
AD-444 669 9A U 41 15 HC$11.60

STORAGE, CLEANING COMPOUNDS
STORAGE-STABILITY OF P-C-436B AND TT-R-230A, CLASS 2, MATERIAL.
AD-634 776 11K T 66 15 HC$ 1.00 MF$ 0.50

STRAIN GAGES, MALFUNCTIONS
DETECTION AND DIAGNOSIS OF MALFUNCTIONS IN STRAIN GAGE SYSTEMS,
UCRL-14602 18D N 20 12 HC$ 1.00 MF$ 0.50

STRAINLESS STEEL, AGING(MATERIALS)
STRESS-AGING AND ITS EFFECTS ON TENSILE PROPERTIES OF SOME STAINLESS AND ULTRA-HIGH-STRENGTH STEELS,
AD-634 687 13H T 66 15 HC$ 1.00 MF$ 0.50

STRAIN(MECHANICS), METALS
THE EFFECT OF STRAIN RATE ON MECHANICAL PROPERTIES OF SOME WIDELY USED ENGINEERING METALS,
UCRL-14599 18J U 41 15 HC$ 2.00 MF$ 0.50

STRATOSPHERE, ATMOSPHERIC TIDES
STRATOSPHERIC TIDAL CIRCULATIONS,
AD-634 650 4B T 66 15 HC$ 1.00 MF$ 0.50

STRESSES, FRACTURE(MECHANICS
THE EFFECT OF COUPLE-STRESSES ON THE STRESS CONCENTRATION AROUND A CRACK.
AD-634 186 20K T 66 15 HC$ 2.00 MF$ 0.50

STRESSES, STEEL
MECHANICAL AND METALLURGICAL BEHAVIOR OF RESTRAINED WELDS IN SUBMARINE STEELS.
AD-634 747 11F T 66 15 HC$ 3.00 MF$ 0.75

STRESS(PHYSIOLOGY), VIBRATION
THEORY OF HUMAN VIBRATION RESPONSE,
AD-634 632 6S T 66 15 HC$ 1.00 MF$ 0.50

STRETCH FORMING, CRYOGENICS
EVALUATION OF THREE ARDE-PORTLAND CRYOGENIC STRETCHED FORMED SUBSCALE ROCKET MOTOR CASES,
AD-462 137 21H U 41 15 HC$13.60

STRONTIUM, SORPTION
THE DESORPTION AND MIGRATION OF STRONTIUM ON TUNGSTEN USING PULSED FIELD EMISSION MICROSCOPY.
AD-419 846 20C U 41 15 HC$ 5.60

STRUCTURAL DYNAMICS
STIFFNESS MATRIX STRUCTURAL ANALYSIS,
N66-14576 20K U 41 15 HC$ 3.00 MF$ 0.50

STRUCTURAL GEOLOGY, FRACTURE(MECHANICS)
THE MECHANICAL ANISOTROPY OF SOLIDS DURING DEFORMATION,
PB-169 081 20K U 41 15 HC$ 2.00 MF$ 0.75

STRUCTURAL PARTS, LOADING(MECHANICS
BEHAVIOR AND MAXIMUM STRENGTH OF METAL COLUMNS.
AD-634 495 13M T 66 15 HC$ 3.00 MF$ 0.75

STRUCTURAL SHELLS, BUCKLING
LARGE DEFLECTIONS OF THIN SHELLS OF REVOLUTION,
AD-634 624 20K T 66 15 HC$ 1.00 MF$ 0.50

STRUCTURAL SHELLS, LOADING(MECHANICS)
TENSION WIRE SUPPORT STRUCTURES.
UCRL-13160 14B U 41 15 HC$ 3.00

STRUCTURAL SHELLS, MATHEMATICAL ANALYSIS
THE ANALYSIS OF SHALLOW SHELL STRUCTURES BY A DISCRETE ELEMENT SYSTEM.
PB-169 656 20K U 41 15 HC$ 3.00 MF$ 0.75

STRUCTURAL SHELLS, VIBRATION
ASYMPTOTIC ANALYSIS OF THE AXISYMMETRIC VIBRATIONS OF SHELLS,
AD-634 635 20K T 66 15 HC$ 1.00 MF$ 0.50

SUBJECT INDEXING, AERONAUTICS
INVESTIGATION INTO THE RETRIEVAL INDEXING AND SEARCHING SYSTEM.
PB-169 544 5B U 41 15 HC$12.60 MF$ 0.75

SUBJECT INDEXING, ANALYSIS
THE APPLICATION OF RANDOM SUPERIMPOSED CODING AND CHAIN

SPELLING TO PEEK-A-BOO CARDS,
PB-169 815 5B U 41 15 HC$ 1.10 MF$ 0.50

SUBJECT INDEXING, MEDICAL RESEARCH
THE ANALYSIS OF MEDICAL DOCUMENTS WITH A COMPARATIVE EVALUATION OF THREE INDEXING PROCEDURES,
PB-169 698 5B U 41 15 HC$ 1.60 MF$ 0.50

SUBJECT INDEXING, VOCABULARY
FACTORS DETERMINING THE PERFORMANCE OF INDEXING SYSTEMS. VOLUME I. DESIGN. PART I. TEXT,
PB-169 573 5B U 41 15 HC$12.60 MF$ 0.75

FACTORS DETERMINING THE PERFORMANCE OF INDEXING SYSTEMS. VOLUME I. DESIGN. PART 2. APPENDICES,
PB-169 574 5B U 41 15 HC$25.70 MF$ 1.25

SUBMARINE HULLS, DEEP SUBMERGENCE
A PHOTOELASTIC INVESTIGATION OF DEEP SUBMERGENCE WINDOWS.
AD-634 403 13J T 66 15 HC$ 3.00 MF$ 0.50

SUBMARINE HULLS, WELDS
MECHANICAL AND METALLURGICAL BEHAVIOR OF RESTRAINED WELDS IN SUBMARINE STEELS.
AD-634 747 11F T 66 15 HC$ 3.00 MF$ 0.75

SUBSONIC FLOW, PROGRAMMING(COMPUTERS)
A DIGITAL PROGRAM FOR CALCULATING COMBINED AERODYNAMIC PARAMETERS-SUBSONIC AND SUPERSONIC,
AD-465 312 1A U 41 15 HC$ 4.60 MF$ 0.50

SULFIDES, DECOMPOSITION
HIGH TEMPERATURE GAS KINETIC STUDY OF CARBONYL SULFIDE DECOMPOSITION PERFORMED WITH A SHOCK TUBE AND QUADRUPOLE MASS-FILTER.
AD-634 423 7D T 66 15 HC$ 4.00 MF$ 0.75

SULFIDES, ELECTRICAL PROPERTIES
CURRENT OSCILLATION AND SATURATION IN CADMIUM SULPHIDE,
AD-634 725 20L T 66 15 HC$ 1.00 MF$ 0.50

SULFIDES, INORGANIC POLYMERS
IMPROVED POLYSULFIDE POLYMERS.
PB-169 580 11J U 41 15 HC$ 3.60

SULFONATES, CLEANING COMPOUNDS
BIODEGRADABLE DETERGENTS,
AD-634 619 11K T 66 15 HC$ 1.00 MF$ 0.50

SUPERCONDUCTIVITY, ELECTRICAL NETWORKS
CONTROL OF THE CURRENT OF A SHORT-CIRCUITED SUPERCONDUCTIVE NETWORK,
AD-634 516 20C T 66 15 HC$ 1.00 MF$ 0.50

SUPERCONDUCTORS, COILS
THE APPLICATION OF TOROIDAL GEOMETRY TO HIGH ENERGY STORAGE INDUCTORS.
AD-634 388 10C T 66 15 HC$ 1.00 MF$ 0.50

SUPERCONDUCTORS, MATHEMATICAL ANALYSIS
DETERMINATION OF KAPPA-1(T) AND KAPPA-2(T) FOR TYPE TWO SUPERCONDUCTORS WITH ARBITRARY IMPURITY CONCENTRATION.
AD-634 481 20L T 66 15 HC$ 3.00 MF$ 0.75

SUPERCONDUCTORS, RADIATION MEASUREMENT SYSTEMS
SUPERCONDUCTING THIN-FILM NUCLEAR-PARTICLE DETECTORS,
AD-634 684 18D T 66 15 HC$ 1.00 MF$ 0.50

SUPERSONIC FLOW, PROGRAMMING(COMPUTERS)
A DIGITAL PROGRAM FOR CALCULATING COMBINED AERODYNAMIC PARAMETERS-SUBSONIC AND SUPERSONIC,
AD-465 312 1A U 41 15 HC$ 4.60 MF$ 0.50

SUPERSONIC TRANSPORT
RECENT SUPERSONIC TRANSPORT RESEARCH,
N66-15281 1C U 41 15 HC$ 3.00 MF$ 0.75

SUPERSONIC WIND TUNNELS, HEATERS
ELECTRIC AIR HEATER FOR SUPERSONIC WIND TUNNELS.
AD-634 504 14B T 66 15 HC$ 3.00 MF$ 0.75

SUPPORTS, PENETRATION
AN OPTIMIZATION STUDY OF AN EXPLOSIVE-DRIVEN PILE.
AD-634 738 13M T 66 15 HC$ 2.00 MF$ 0.50

SURFACE PROPERTIES, CERAMIC MATERIALS
CHEMICAL STRENGTHENING OF CERAMIC MATERIALS.
AD-634 361 13H T 66 15 HC$ 4.00 MF$ 1.00

SURFACE PROPERTIES, VAPORS
OPTICAL INVESTIGATION OF ADSORPTION AND SURFACE CONDENSATION OF VAPORS NEAR SATURATION,
AD-634 715 7D T 66 15 HC$ 1.10 MF$ 0.50

SURFACE-ACTIVE SUBSTANCES, SOLUTIONS
SOLUTION SYSTEMS FOR THE DISPLACING OF ORGANIC LIQUIDS FROM SOLID SURFACES,
AD-634 425 11K T 66 15 HC$ 1.00 MF$ 0.50

SURFACTANTS, ADSORPTION
THE ENERGETICS OF SURFACTANT ADSORPTION AT THE AIR-WATER INTERFACE.
AD-634 317 11K T 66 15 HC$ 1.00 MF$ 0.50

SURVEYING, SYMPOSIA
ON THE RESULTS OF THE ALL-UNION CONFERENCE ON AERIAL SURVEYS (9TH),
AD-634 285 8B T 66 15 HC$ 1.00 MF$ 0.50

SUSPENSION DEVICES, ELECTRIC WIRE
TENSION WIRE SUPPORT STRUCTURES. A PARAMETRIC STUDY OF TENSION WIRE SUPPORT FOR INSTRUMENTATION.
UCRL-13160 14B U 41 15 HC$ 3.00 MF$ 0.75

SWEEP GENERATORS, CALIBRATION
DELAY GENERATOR HX-2962/U(166D, H02-166D, H03-166D (HEWLETT PACKARD), 1804-7 (HICKOK).
PB-169 990 14B U 41 15 HC$ 1.60 MF$ 0.50

SYMPOSIA, ARMY RESEARCH
PROCEEDINGS OF THE 1966 ARMY SCIENCE CONFERENCE, UNITED STATES MILITARY ACADEMY, WEST POINT, N. Y., 14-17 JUNE 1966. VOLUME I.
AD-634 615 5A T 66 15 HC$ 8.25 MF$ 2.25

PROCEEDINGS OF THE 1966 ARMY SCIENCE CONFERENCE, UNITED STATES MILITARY ACADEMY, WEST POINT, N. Y., 14-17 JUNE 1966. VOLUME II.
AD-634 616 5A T 66 15 HC$ 8.60 MF$ 2.50

SYMPOSIA, NUCLEAR ENGINEERING
CONFERENCE ON THE ANNIVERSARY OF THE FIRST ATOMIC ELECTRIC POWER STATION (AES), (10TH),
AD-634 590 18I T 66 15 HC$ 1.00 MF$ 0.50

SYMPOSIA, ORDNANCE
MINUTES OF ANNUAL MEETING (8TH) HELD AT THE DAYTONA PLAZA HOTEL, DAYTONA BEACH, FLORIDA, APRIL 27 THROUGH APRIL 29, 1966.
AD-634 400 5A T 66 15 HC$ 7.55 MF$ 2.00

SYNCHROTRONS, ELEMENTARY PARTICLES
ACCELERATORS OF THE FUTURE,
BNL-741(REV.) 20B U 41 15 HC$ 1.00 MF$ 0.50

SYNTAX, CZECHOSLOVAKIA
MORPHOLOGICAL ABSTRACTION OF ADJECTIVALS IN CZECH,
PB-169 695 5G U 41 15 HC$ 2.60 MF$ 0.50

SYNTHETIC RUBBER, PHYSICAL PROPERTIES
PHYSICAL AND RHEOLOGICAL PROPERTIES OF NITROSO RUBBERS.
AD-461 425 11J U 41 15 HC$ 2.60

AD-634 143 11J T 66 15 HC$ 1.00 MF$ 0.50

AD-634 144 11J T 66 15 HC$ 2.00 MF$ 0.50

SYNTHETIC RUBBER, SYNTHESIS(CHEMISTRY)
SYNTHESIS AND POLYMERIZATION OF FLUORINATED SULFUR MODIFIED NITROSO RUBBER.
AD-634 728 11J T 66 15 HC$ 2.00 MF$ 0.50

SYSTEMS DESIGN
PRELIMINARY DESIGN OF A GEOLOGIC SAMPLE ACQUISITION AND TRANSPORT DEVICE.
N66-15825 13I U 41 15 HC$ 6.00 MF$ 1.25

SYSTEMS ENGINEERING, DECISION MAKING
SOME PROBLEMS ASSOCIATED WITH SYSTEMS ANALYSIS,
AD-634 375 12B T 66 15 HC$ 1.00 MF$ 0.50

THE ANALYTICAL BASES OF SYSTEMS ANALYSIS,
AD-634 512 14A T 66 15 HC$ 1.00 MF$ 0.50

S-BAND
DESIGN ANALYSIS - UNIFIED S-BAND SYSTEM FOR APOLLO NETWORK, VOLUME 2, PARTS III, IV, AND V.
N66-14530 9F U 41 15 HC$ 5.00 MF$ 1.00

S-HETEROCYCLIC COMPOUNDS, CRYSTAL STRUCTURE
THE RADIATION POLYMERIZATION OF CRYSTALLINE TRITHIANE,
CONF-571-37 7E U 41 15 HC$ 1.00 MF$ 0.50

S-MATRIX, DETERMINANTS
A NOTE ON INVERTING THE R-MATRIX,
IDO-17142 12B U 41 15 HC$ 2.00 MF$ 0.50

TANKS(CONTAINERS), FLUIDS
MIXING OF FLUIDS IN SMALL-DIAMETER TANKS BY RECIRCULATION.
Y-1531 18G N 20 13 HC$ 3.00 MF$ 0.75

TANTALUM, MEMBRANES
RESEARCH STUDIES ON SOLID HYDROGEN PURIFICATION MEMBRANES.
AD-634 547 7A T 66 15 HC$ 2.00 MF$ 0.50

TANTALUM, SEPARATION
SEPARATION AND SPECTROPHOTOMETRIC MEASUREMENT OF LOW CONCENTRATIONS OF TANTALUM,
LA-3465 7B U 41 15 HC$ 1.00 MF$ 0.50

TARGET ACQUISITION, MILITARY REQUIREMENTS
A MODEL FOR DETERMINING TARGET LOCATION ACCURACY REQUIREMENTS,
AD-634 642 19A T 66 15 HC$ 1.00 MF$ 0.50

TEACHING MACHINES, ADAPTIVE SYSTEMS
ADAPTIVE TEACHING MACHINES,
PB-170 495 5I U 41 15 HC$ 1.10 MF$ 0.50

TEACHING MACHINES, PROGRAMMED INSTRUCTION
A DESCRIPTIVE LIST OF PLATO PROGRAMS,
AD-634 593 9B T 66 15 HC$ 1.00 MF$ 0.50

TEACHING MACHINES AND PROGRAMMED LEARNING,
PB-170 502 5I U 41 15 HC$ 1.10 MF$ 0.50

TECHNICIANS, PERFORMANCE(HUMAN)
THE DEVELOPMENT OF PERFORMANCE CRITERIA FOR TURRET MECHANICS.
AD-477 647 5I U 41 15 HC$ 2.60 MF$ 0.50

TELEMETER SYSTEMS, DATA LINKS

DESIGN OBJECTIVES FOR TELEMETRY R-F TRANSMISSION LINKS FOR THE PERIOD 1960 TO 1970. REVISION NO. 3,
AD-634 368 9F T 66 15 HC$ 2.00 MF$ 0.50

TELEMETER SYSTEMS, METEOROLOGICAL INSTRUMENTS
BOUNDARY LAYER PROFILE MEASUREMENT SYSTEM.
PB-169 875 4B U 41 15 HC$ 1.60 MF$ 0.50

TELEMETER SYSTEMS, STANDARDS
TELEMETRY STANDARDS (REVISED JULY 1965).
AD-474 530 9F U 41 15 HC$ 7.60 MF$ 0.75

TELEVISION DISPLAY SYSTEMS, ANALOG SYSTEMS
EXPERIMENTAL EVALUATION OF AN EIGHT-INCH CRT CONTACT ANALOG PRESENTATION.
AD-294 781 17B U 41 15 HC$ 2.60

TELLURIDES, ELECTROCHEMISTRY
THEORETICAL QUARTERLY PROGRESS REPORTS, SEPTEMBER 1962, DECEMBER 1962, AND MARCH 1963.
AD-421 573 20L U 41 15 HC$ 9.60

TEMPERATURE SENSITIVE ELEMENTS, SILICON
DISCLOSURES ON MAGNETIC TAPE HANDLER, FOCUS DETECTOR, MULTI-PEN RECORDER, SIGNAL AVERAGING FILTER, ELECTROSTATIC RMS VOLTMETER, BACK-UP RING FOR O-RINGS, AND LOW TEMPERATURE SOLID STATE THERMOMETER.
NBS-TN-287 14B U 41 15 HC$ 0.25 MF$ 0.50

TEMPERATURE, RADIATION MONITORS
DEVELOPMENT OF A TEMPERATURE MONITOR FOR LARGE REACTORS,
DP-834 18D U 41 15 HC$ 1.00 MF$ 0.50

TENNESSEE, ECONOMICS
FEASIBILITY STUDY. NATURAL BRIDGE, TENNESSEE.
PB-170 217 5C U 41 15 HC$ 4.00 MF$ 0.75

ECONOMIC FEASIBILITY OF LAKEWOOD VILLAGE. A PROPOSED RESORT IN HUMPHREYS COUNTY, TENNESSEE.
PB-170 339 5C U 41 15 HC$ 3.00 MF$ 0.75

TENSOR ANALYSIS, FIELD THEORY
THE NULL BUNDLE OF AN EINSTEIN-RIEMANN SPACE III: EXTENSION,
AD-634 257 20J T 66 15 HC$ 2.00 MF$ 0.50

TERRAIN, VEHICLES
APPLICATION OF QUANTIFIED TERRAIN DATA TO VEHICLE DESIGN CRITERIA,
AD-634 659 13F T 66 15 HC$ 1.00 MF$ 0.50

TEST CONSTRUCTION(PSYCHOLOGY), PERSONNEL MANAGEMENT
DEVELOPMENT OF THE SHORT BASIC TEST BATTERY FORM SB-3.
AD-634 595 5I T 66 15 HC$ 1.00 MF$ 0.50

TEST EQUIPMENT(ELECTRONICS), CALIBRATION
PULSE GENERATOR MODEL 87-B (RUTHERFORD ELECTRONICS).
PB-169 989 14B U 41 15 HC$ 1.60 MF$ 0.50

DELAY GENERATOR MX-2962/U; 166D, H02-166D, H03-166D (HEWLETT PACKARD), 1804-7 (HICKOK).
PB-169 990 14B U 41 15 HC$ 1.60 MF$ 0.50

DECADE RESISTORS; GENERAL RESISTANCE 105T AND 106T ANGSTROHM 106P AND 107P.
PB-169 991 14B U 41 15 HC$ 1.10 MF$ 0.50

INDICATING INSTRUMENTS; VOLTAGE/CURRENT-AC/DC.
PB-169 992 14B U 41 15 HC$ 1.10 MF$ 0.50

PHASE METERS; PHAZOR MODELS 100A, 200A (INDUSTRIAL TEST EQUIPMENT CO.).
PB-169 993 14B U 41 15 HC$ 1.60 MF$ 0.50

VIBRATION METERS; MODELS M1, M3, M6 (MB MANUFACTURING CO., INC.).
PB-169 994 14B U 41 15 HC$ 1.60 MF$ 0.50

RADAR TEST SET; AN/UPM-70, AN/UPM-70A.
PB-169 995 14B U 41 15 HC$ 4.60 MF$ 0.50

AC-DC METER CALIBRATOR; MODEL 33 (RADIO FREQUENCY LABORATORIES, INC.).
PB-169 996 14B U 41 15 HC$ 1.60 MF$ 0.50

PUSH-BUTTON OSCILLATOR; 0.001 HZ TO 1.0 MHZ.
PB-169 997 14B U 41 15 HC$ 1.60 MF$ 0.50

COAXIAL ISOLATORS WITH TYPE N CONNECTORS; FREQUENCY RANGE, 0.5 TO 10.0 GHZ.
PB-169 998 14B U 41 15 HC$ 1.60 MF$ 0.50

TIME INTERVAL UNIT; 5262A (HEWLETT-PACKARD).
PB-169 999 14B U 41 15 HC$ 1.10 MF$ 0.50

PULSE GENERATOR; MODEL 570-A (KAY ELECTRIC RADA PULSE SR.).
PB-170 202 14B U 41 15 HC$ 1.60 MF$ 0.50

PORTABLE MILLIVOLT POTENTIOMETER; MODEL 8686 (LEEDS AND NORTHRUP).
PB-170 203 14B U 41 15 HC$ 1.60 MF$ 0.50

UHF OSCILLATOR; MODEL 1361-A (GENERAL RADIO).
PB-170 204 14B U 41 15 HC$ 1.10 MF$ 0.50

RF SIGNAL GENERATOR SET; AN/URM-26 (SG-45), AN/URM-26A (SG-45A), AN/URM-26B (SG-117).
PB-170 205 14B U 41 15 HC$ 2.60 MF$ 0.50

TRANSISTOR TESTER KT-1 (BAIRD-ATOMIC).
PB-170 206 14B U 41 15 HC$ 1.60 MF$ 0.50

FREQUENCY STANDARD; TS-65/FMQ-1, TS-65C/FMQ-1, TS-65D/FMQ-1. (AMERICAN TIME PRODUCTS 1296, COMMERCIAL EQUIVALENT OF TS-65/FMQ-1). (PRECISION ASSOCIATES C-0318, COMMERCIAL EQUIVALENT OF TS-65D/FMQ-1).
PB-170 207 14B U 41 15 HC$ 1.60 MF$ 0.50

AUDIO OSCILLATOR; MODEL 1311-A (GENERAL RADIO CO.).
PB-170 208 14B U 41 15 HC$ 1.60 MF$ 0.50

FREQUENCY CONVERTER; 5253A AND 5253B (HEWLETT-PACKARD).
PB-170 209 14B U 41 15 HC$ 1.10 MF$ 0.50

OSCILLOSCOPES; 535A, 545A, 545B, RM35A, RM45A, RM545B (TEKTRONIX).
PB-170 210 14B U 41 15 HC$ 3.60 MF$ 0.50

TEST EQUIPMENT, COUNTING METHODS
A MULTI-LEVEL COUNTING EQUIPMENT FOR ANALYSING ELECTRICAL SIGNALS.
AD-634 290 14B T 66 15 HC$ 2.00 MF$ 0.50

TEST FACILITIES, PROPULSION
PROPULSION RESEARCH LABORATORY SUMMARY REPORT FOR FY 1965.
AD-478 166 14B U 41 15 HC$ 3.00 MF$ 0.75

TEST REACTORS, LEAKAGE(FLUID)
CRACK IN THE ENGINEERING TEST REACTOR PRIMARY COOLING SYSTEM,
IDO-17158 18I N 20 13 HC$ 3.00 MF$ 0.50

TEST REACTORS, NEUTRON TRANSPORT THEORY
NEUTRON TRANSPORT CALCULATIONS ON AIR FORCE NUCLEAR ENGINEERING TEST REACTOR.
AD-634 563 18K T 66 15 HC$ 3.00 MF$ 0.75

TEST REACTORS, NUCLEAR ENGINEERING
NUCLEAR TECHNOLOGY BRANCHES QUARTERLY REPORT, JANUARY 1-MARCH 31 1965.
IDO-17104 18D U 41 15 HC$ 3.00 MF$ 0.75

TEST REACTORS, REACTOR MATERIALS
IN-TANK IRRADIATION FACILITIES AT THE TEST REACTOR AREA (STANDARD PRACTICES GUIDE),
IDO-17135 18I U 41 15 HC$ 3.00 MF$ 0.75

TEST SETS, COMPATIBILITY
RADIO FREQUENCY COMPATIBILITY (RFC) ACCESSORY EQUIPMENT SET.
AD-436 042 14B U 41 15 HC$ 3.00

TEXAS, AGRICULTURE
PROPOSAL FOR A FEASIBILITY STUDY PILOT PROJECT GRANT TO HARVEST AND PROCESS AQUATIC PLANTS FROM CADDO LAKE,
PB-170 332 5C U 41 15 HC$ 3.00 MF$ 0.75

TEXAS, ECONOMICS
ROCK AND MINERAL RESOURCES OF EAST TEXAS,
PB-170 276 5C U 41 15 HC$ 8.35 MF$ 2.25

TEXTILE INDUSTRY, ECONOMICS
A FORECAST OF ADVANCES IN THE APPAREL MANUFACTURING INDUSTRIES OVER THE NEXT FIVE YEARS.
AD-634 737 5C T 66 15 HC$ 2.00 MF$ 0.50

TEXTILES, INFLATABLE STRUCTURES
SNATCH-TEARING OF FABRICS: APPARATUS, AND APPLICATION TO A LIGHT-WEIGHT FABRIC,
PB-169 452 11E U 41 15 HC$ 2.60 MF$ 0.50

THERMAL CONDUCTIVITY, HEAT TRANSFER
THERMAL CONDUCTIVITY OF MAGNESIA, ALUMINA, AND ZIRCONIA POWDERS IN AIR AT ATMOSPHERIC PRESSURE FROM 200 DEG F TO 1500 DEG F.
ORNL-3510 20M N 20 13 HC$ 6.00 MF$ 1.25

THERMAL INSULATION, CLOTHING
THE MET AND THE CLO. PART I. RESTATEMENT OF THE ORIGINAL DEFINITIONS.
AD-634 271 6P T 66 15 HC$ 1.00 MF$ 0.50

THERMAL JOINING, NICKEL ALLOYS
JOINING OF NICKEL AND NICKEL-BASE ALLOYS,
AD-634 336 13H T 66 15 HC$ 5.00 MF$ 1.00

THERMAL NEUTRONS, INELASTIC SCATTERING
COMPILATION OF RESOLUTIONS AND INTENSITIES OF SLOW NEUTRON, INELASTIC SCATTERING, TIME-OF-FLIGHT INSTRUMENTS,
IDO-17134 18D U 41 15 HC$ 2.00 MF$ 0.50

THERMAL NEUTRONS, NEUTRON SCATTERING
INTEGRAL NEUTRON THERMALIZATION.
GA-5798 18K U 41 15 HC$ 5.00 MF$ 1.25

THERMAL NEUTRONS, NEUTRON TRANSPORT THEORY
MAG -- A PROGRAM TO PREPARE FAST GROUP CROSS SECTIONS IN THE DTF FORMAT,
NAA-SR-MEMO-10544 18K U 41 15 HC$ 2.00 MF$ 0.75

THERMAL REACTORS, NEUTRON SCATTERING
REACTOR PHYSICS DIVISION ANNUAL REPORT, JULY 1, 1964-JUNE 30, 1965.
ANL-7110 18K U 41 15 HC$ 7.22 MF$ 2.00

THERMAL REACTORS, PLUTONIUM
ADDITIONAL YIELD DATA FOR TRANSPLUTONIUM ELEMENT PRODUCTION IN THERMAL REACTORS,
ANL-7096 7E U 41 15 HC$ 1.00 MF$ 0.50

THERMAL REACTORS, PROGRAMMING(COMPUTERS)
DATAPREP-II. A REACTOR LATTICE HOMOGENEIZATION AND BIGG-II DATA PREPARATION COMPUTER CODE,

PB-169 881 18K U 41 15 HC$ 7.60 MF$ 0.75

THERMAL UTILIZATION, THERMAL NEUTRONS
INTEGRAL NEUTRON THERMALIZATION.
GA-5798 18K U 41 15 HC$ 5.00 MF$ 1.25

THERMIONIC CONVERTERS, FEASIBILITY STUDIES
THE DEVELOPMENT OF A FLAME FIRED THERMIONIC GENERATOR.
AD-634 538 10B T 66 15 HC$ 3.00 MF$ 0.75

THERMIONIC CONVERTORS, MATERIALS
STUDY OF TRANSPORT PROPERTIES OF REFRACTORY SEMICONDUCTING COMPOUNDS.
AD-634 528 20L T 66 15 HC$ 2.00 MF$ 0.50

THERMOCHEMISTRY, TABLES
SELECTED VALUES OF CHEMICAL THERMODYNAMIC PROPERTIES. PART II. TABLES FOR THE ELEMENTS TWENTY-THREE THROUGH THIRTY-TWO IN THE STANDARD ORDER OF ARRANGEMENT,
NBS-TN-270-2 7D U 41 15 HC$ 0.40 MF$ 0.75

THERMOCOUPLES, REACTOR MATERIALS
TUNGSTEN-RHENIUM ALLOY THERMOCOUPLES AND THEIR USE IN A UO2-FUELED REACTOR,
ANL-6981 18I U 41 15 HC$ 2.00 MF$ 0.50

THERMODYNAMICS, TABLES
SELECTED VALUES OF CHEMICAL THERMODYNAMIC PROPERTIES. PART II. TABLES FOR THE ELEMENTS TWENTY-THREE THROUGH THIRTY-TWO IN THE STANDARD ORDER OF ARRANGEMENT,
NBS-TN-270-2 7D U 41 15 HC$ 0.40 MF$ 0.75

THERMOELECTRICITY, MATERIALS
THEORETICAL QUARTERLY PROGRESS REPORTS, SEPTEMBER 1962, DECEMBER 1962, AND MARCH 1963.
AD-421 573 20L U 41 15 HC$ 9.60

RESEARCH AND DEVELOPMENT OF MATERIALS AND FABRICATION TECHNIQUES FOR THERMOELECTRIC POWER GENERATION.
AD-634 477 10B T 66 15 HC$ 5.60 MF$ 0.50

THERMONUCLEAR REACTIONS, PLASMA MEDIUM
STABILITY OF A BUMPY LINEAR, BETA YIELDS 1, THETA-PINCH,
LA-3442 18A U 41 15 HC$ 1.00 MF$ 0.50

THERMONUCLEAR REACTIONS, SCIENTIFIC REPORTS
THERMONUCLEAR DIVISION SEMIANNUAL PROGRESS REPORT FOR PERIOD ENDING OCTOBER 31, 1965.
ORNL-3908 18A U 41 15 HC$ 5.00 MF$ 1.00

THERMONUCLEAR REACTIONS, SCIENTIFIC RESEARCH
CONTROLLED THERMO-NUCLEAR RESEARCH.
UCRL-14285 18A U 41 15 HC$ 4.00 MF$ 1.00

THERMONUCLEAR REACTIONS, SPECIAL FUNCTIONS(MATHEMATICS)
SPHERICAL HARMONIC REDUCTION OF THE FOKKER-PLANCK EQUATION,
LA-3437 18A U 41 15 HC$ 2.00 MF$ 0.50

THERMOPLASTICS, BIBLIOGRAPHIES
CROSSLINKING, THERMAL AND MECHANICAL PROPERTIES OF THERMOPLASTIC AND PHENOLIC RESIN SYSTEMS; A BIBLIOGRAPHY.
AD-634 234 11I T 66 15 HC$ 2.00 MF$ 0.50

THIN FILMS(STORAGE DEVICES), FERROMAGNETIC MATERIALS
RESEARCH IN FERROMAGNETICS WITH APPLICATIONS TO NEW STORAGE DEVICES.
AD-634 539 9A T 66 15 HC$ 3.00 MF$ 0.75

THIN FILMS(STORAGE DEVICES), MAGNETIC PROPERTIES
THE EFFECTS OF GAS OCCLUSIONS AND STRAINS ON THE MAGNETIC PROPERTIES OF THIN PERMALLOY FILMS.
AD-471 647 20L U 41 15 HC$ 2.75 MF$ 1.50

THIN FILMS(STORAGE DEVICES), MONITORS
THIN FILM EVAPORATION RATE M-ONITOR,-
RFP-602 18D U 41 15 HC$ 2.00 MF$ 0.50

THIOLS, SYNTHESIS(CHEMISTRY)
A FACILE SYNTHESIS OF BETA-ALKOXY MERCAPTANS AND BETA-THIOALKOXY MERCAPTANS,
AD-634 583 7C T 66 15

THORIUM COMPOUNDS, OXIDES
I. FURTHER INVESTIGATIONS ON THE STABILIZATION OF AQUEOUS SUSPENSIONS OF THORIUM OXIDE. II. AN ULTRA-HIGH RADIOFREQUENCY SPECTROMETER FOR THE STUDY OF AQUEOUS SOLUTIONS AND SUSPENSIONS.
NYO-10295 18I U 41 15 HC$ 2.00 MF$ 0.50

THORIUM COMPOUNDS, REACTOR FUEL ELEMENTS
PROCESS DEVELOPMENT QUARTERLY PROGRESS REPORT, JULY-SEPTEMBER 1965.
HCW-1493 18J U 41 15 HC$ 2.00 MF$ 0.50

THORIUM, DECONTAMINATION
PERFORMANCE OF MIXER-SETTLERS IN THE THOREX PROCESS,
DP-1022 7A U 41 15 HC$ 1.00 MF$ 0.50

THORIUM, SEPARATION
SEPARATION AND SPECTROPHOTOMETRIC MEASUREMENT OF 0.5 TO 10 PARTS PER MILLION OF THORIUM IN PLUTONIUM,
LA-3468 18J N 20 13 HC$ 2.00 MF$ 0.50

THORIUM, SPECTROPHOTOMETERS
SPECTROPHOTOMETRIC DETERMINATION OF MICROGRAM AMOUNTS OF THORIUM IN PLUTONIUM,
LA-3469 7B U 41 15 HC$ 1.00 MF$ 0.50

THRESHOLDS(PHYSIOLOGY), HEARING
SOME STUDIES OF TEMPORARY HEARING LOSSES RESULTING FROM REPEATED EXPOSURE TO GUNFIRE NOISE,
AD-634 690 6U T 66 15 HC$ 1.00 MF$ 0.50

THRESHOLDS(PHYSIOLOGY, NOISE
FURTHER STUDIES OF THE RELIABILITY OF TEMPORARY THRESHOLD SHIFT FROM IMPULSE-NOISE EXPOSURE.
AD-634 456 6J T 66 15 HC$ 2.00 MF$ 0.50

THRUST AUGMENTATION, SUPERSONIC FLOW
MIXING AND COMBUSTION OF A SUPERSONIC FUEL JET AND A SUBSONIC, COAXIAL GAS STREAM,
AD-469 052 21B U 41 15 HC$ 5.60 MF$ 0.50

THRUST, AIRFOILS
THE EFFECT OF JET ENTRAINMENT ON LOSS OF THRUST FOR A TWO-DIMENSIONAL SYMMETRICAL JET-FLAP AEROFOIL,
AD-634 373 20D T 66 15

THUNDERSTORMS, DYNAMICS
MESOMETEOROLOGICAL STUDIES.
AD-634 305 4B T 66 15 HC$ 4.00 MF$ 0.75

THYRATRONS, MANUFACTURING METHODS
PRODUCTION ENGINEERING MEASURE FOR TYPE 7890 SUPER POWER HYDROGEN THYRATRON.
AD-634 151 9A T 66 15 HC$ 7.00 MF$ 1.50

TIME SIGNALS, SATELLITE TRACKING SYSTEMS
USE OF OPTICALLY PUMPED RUBIDIUM VAPOR FREQUENCY STANDARD AS MASTER OSCILLATOR IN SATELLITE TRACKING STATIONS,
AD-424 483 22C U 41 15 HC$ 7.60

TIME-INTERVAL COUNTER, CALIBRATION
TIME INTERVAL UNIT; 5262A (HEWLETT-PACKARD).
PB-169 999 14B U 41 15 HC$ 1.10 MF$ 0.50

TISSUE CULTURE CELLS, LYMPHOCYTES
DEVELOPMENT OF THE IN-VITRO LYMPHOCYTE-LYMPHOCYTE INTERACTION AS A TEST FOR HISTOCOMPATIBILITY.
PB-170 669 6E U 41 15 HC$ 1.00 MF$ 0.50

TISSUES(BIOLOGY), PRESERVATION
A VERSATILE EXPERIMENTAL HYPOTHERMIC-HYPERBARIC OXYGEN CHAMBER FOR WHOLE ORGAN PRESERVATION,
PB-170 487 6L U 41 15 HC$ 1.00 MF$ 0.50

TITANATES, ELECTRICAL PROPERTIES
INVESTIGATION OF LARGE SIGNAL MICROWAVE EFFECTS IN FERROELECTRIC MATERIALS.
AD-634 524 11B T 66 15 HC$ 4.00 MF$ 1.00

TITANIUM ALLOYS, JOINING
MECHANICAL FASTENING OF TITANIUM AND ITS ALLOYS,
AD-634 532 13H T 66 15 HC$ 3.00 MF$ 0.75

TITANIUM ALLOYS, MATERIAL FORMING
DEFORMATION PROCESSING OF TITANIUM AND ITS ALLOYS,
AD-634 141 13H T 66 15 HC$ 7.00 MF$ 1.75

THE MAKING OF TITANIUM AND TITANIUM-ALLOY SHAPES BY CASTING, POWDER METALLURGY, AND OTHER PROCESSES,
AD-634 192 13H T 66 15 HC$ 4.00 MF$ 0.75

TITANIUM, FATIGUE(MECHANICS)
THE EFFECTS OF INTERSTITIAL SOLUTE ELEMENTS ON THE FATIGUE LIMIT BEHAVIOR OF TITANIUM.
AD-634 518 11F T 66 15 HC$ 2.00 MF$ 0.50

TITANIUM, JOINING
MECHANICAL FASTENING OF TITANIUM AND ITS ALLOYS,
AD-634 532 13H T 66 15 HC$ 3.00 MF$ 0.75

TITANIUM, MATERIAL FORMING
DEFORMATION PROCESSING OF TITANIUM AND ITS ALLOYS,
AD-634 141 13H T 66 15 HC$ 7.00 MF$ 1.75

THE MAKING OF TITANIUM AND TITANIUM-ALLOY SHAPES BY CASTING, POWDER METALLURGY, AND OTHER PROCESSES,
AD-634 192 13H T 66 15 HC$ 4.00 MF$ 0.75

TOOL STEELS, DRAWING(MACHINE PROCESSING)
ANISOTROPY AND ITS RELATIONSHIP TO DEEP DRAWING OF A 5% CR TOOL STEEL (H-11) FOR THE HAWK MISSILE,
AD-634 669 13H T 66 15 HC$ 1.00 MF$ 0.50

TOPOLOGY, ELECTRICAL NETWORKS
A TOPOLOGICAL APPROACH TO THE STABILITY OF TIME-VARYING AND NONLINEAR NETWORKS,
AD-634 366 12B T 66 15 HC$ 3.00 MF$ 0.75

TOPOLOGY, QUANTUM MECHANICS
TRANSLATIONALLY COVARIANT HAMILTONIANS,
AD-422 500 20J U 41 15 HC$ 2.60

TOXINS + ANTITOXINS, BIOLOGICAL ASSAY
ANNUAL REPORT (2ND), MARCH 23, 1966,
AD-634 374 6T T 66 15 HC$ 1.00 MF$ 0.50

TOXINS + ANTITOXINS, BLOOD COAGULATION
BLOOD COAGULATION FACTOR ACTIVITY IN ENDOTOXEMIA,
AD-634 652 6T T 66 15 HC$ 1.00 MF$ 0.50

TRACER STUDIES, ALUMINUM
SPECTROGRAPHIC DETECTION OF TRACE ELEMENTS IN ALUMINUM METAL,
Y-1532 18B N 20 13 HC$ 1.00 MF$ 0.50

TRACER STUDIES, FORAMINIFERA
A NEW APPROACH TO NUTRITION, PHYSIOLOGY AND MINERAL CYCLING OF FORAMINIFERA.
NYO-3396-3 6C U 41 15 HC$ 2.00 MF$ 0.50

TRACER STUDIES, KRYPTON
DEVELOPMENT OF 85 KR AS A UNIVERSAL TRACER. EXTENSION OF PHASE III. AREAS OF APPLICATION.
NYO-2757-5 18B U 41 15 HC$ 3.00 MF$ 0.75

TRACER STUDIES, RADIATION MEASUREMENT SYSTEMS
EVALUATION OF LARGE VOLUME DETECTORS AND THEIR APPLICATIONS TO RADIOISOTOPE PROCESS CONTROL.
ALO-1355-1 18D N 20 13 HC$ 6.00 MF$ 1.25

TRACKING, ANTENNAS
ANTENNA POINTING REQUIREMENTS FOR SATELLITE TRACKING.
AD-634 155 9E T 66 15 HC$ 2.00 MF$ 0.50

TRACKING, GIMBALS
KINEMATICS OF A TRACKING GIMBAL.
AD-634 680 19E T 66 15 HC$ 1.00 MF$ 0.50

TRACTORS, VEHICLE CHASSIS COMPONENTS
LOADER, SCOOP TYPE.
AD-634 605 13F T 66 15 HC$ 1.00 MF$ 0.50

TRAFFIC, OPERATIONS RESEARCH
SIMULATION, OPTIMIZATION AND EVALUATION OF SYSTEMS OF TRAFFIC NETWORKS.
AD-634 239 12B T 66 15 HC$ 2.00 MF$ 0.50

TRAFFIC, ROADS
A MODEL FOR TRAFFIC FLOWS ON A TWO-LANE TWO-WAY RURAL HIGHWAY.
AD-634 597 13B T 66 15 HC$ 4.00 MF$ 0.75

TRAINING, DISPLAY SYSTEMS
COMPUTER BASED ADAPTIVE TRAINING APPLIED TO SYMBOLIC DISPLAYS.
AD-634 338 5I T 66 15 HC$ 3.00 MF$ 0.75

TRAINING, PITCH DISCRIMINATION
PRACTICE EFFECTS, KNOWLEDGE OF RESULTS AND TRANSFER IN PITCH DISCRIMINATION.
AD-634 221 5I T 66 15 HC$ 2.00 MF$ 0.50

TRANSDUCERS, ACOUSTICS
NEARFIELD SOUND PRESSURE ON SQUARE AND RECTANGULAR ARRAYS WITH BEAM STEERING.
AD-456 708 20A U 41 15 HC$ 2.60

TRANSDUCERS, EXPLOSION EFFECTS
TRANSDUCER DEVICE EVALUATION USING HIGH EXPLOSIVES.
IDO-17148 18D N 20 13 HC$ 3.00 MF$ 0.50

TRANSDUCERS, MAGNETOSTRICTIVE ELEMENTS
EVALUATION OF LOW-FREQUENCY, BROAD-BAND, FREE-FLOODING MAGNETOSTRICTIVE SCROLL TRANSDUCERS.
AD-634 249 17A T 66 15 HC$ 1.00 MF$ 0.50

TRANSDUCERS, RADIATION DAMAGE
TRANSIENT NUCLEAR RADIATION EFFECTS ON TRANSDUCER DEVICES AND ELECTRICAL CABLES.
IDO-17103 9A U 41 15 HC$ 3.00 MF$ 0.75

TRANSISTOR AMPLIFIERS, POWER AMPLIFIERS
A TRANSISTOR AMPLIFIER WITH 500-MC BANDWIDTH.
AD-447 262 9A U 41 15 HC$ 5.60

TRANSISTORS, ELECTRICAL PROPERTIES
INVESTIGATION OF HOT ELECTRON EMITTER.
AD-447 260 9A U 41 15 HC$ 2.60

TRANSISTORS, ELECTRONIC SWITCHES
THE DEVELOPMENT AND EVALUATION OF A BILATERAL TRIODE SWITCH.
AD-456 845 9E U 41 15 HC$ 3.60

TRANSISTORS, MANUFACTURING METHODS
PRODUCTION ENGINEERING MEASURE: MECHANIZATION FOR .4 WATT DIODES AND 2N560 2N1051 2N1072 2N1195 TRANSISTORS, PHASE I.
AD-411 558 9A U 41 15 HC$61.50

TRANSISTORS, PERFORMANCE(ENGINEERING)
AN ADVANCEMENT IN TRANSISTOR SECOND BREAKDOWN PERFORMANCE USING MOLYBDENUM METALIZATION.
AD-634 763 9A T 66 15 HC$ 1.00 MF$ 0.50

TRANSISTORS, PRODUCTION
FIELD EFFECT TRIODES AND SPACE CHARGE LIMITED TRIODES.
AD-294 301 9A U 41 15 HC$ 9.60

TRANSISTORS, RADIOFREQUENCY POWER
STRUCTURES FOR 300-WATT, 400MHZ UHF POWER TRANSMISSION.
AD-634 744 9A T 66 15 HC$ 3.00 MF$ 0.50

TRANSISTORS, SEMICONDUCTOR FILMS
FIELD EFFECT TRIODES AND SPACE CHARGE LIMITED TRIODES.
AD-409 102 9A U 41 15 HC$ 7.60

TRANSISTORS, TEST EQUIPMENT(ELECTRONICS)
TRANSISTOR TESTER KT-1 (BAIRD-ATOMIC).
PB-170 206 14B U 41 15 HC$ 1.60 MF$ 0.50

TRANSMISSION LINES, ELECTROMAGNETISM
CURRENTS INDUCED IN CABLES IN THE EARTH BY A CONTINUOUS-WAVE ELECTROMAGNETIC FIELD.
AD-634 740 20C T 66 15 HC$ 4.00 MF$ 0.75

TRANSMISSION LINES, EQUATIONS
MODEL ANALYSIS AND SYNTHESIS OF ELECTROMAGNETIC FIELDS.
AD-634 185 20C T 66 15 HC$ 3.00 MF$ 0.75

TRANSPLANTATION, INTESTINES
THE REPLACEMENT OF LARGE VEINS WITH FREE INVERTED SEGMENTS OF SMALL BOWEL.
AD-634 623 6E T 66 15 HC$ 1.00 MF$ 0.50

TRANSPLANTATION, TISSUES(BIOLOGY)
DEVELOPMENT OF THE IN-VITRO LYMPHOCYTE-LYMPHOCYTE INTERACTION AS A TEST FOR HISTOCOMPATIBILITY.
PB-170 669 6E U 41 15 HC$ 1.00 MF$ 0.50

TRANSPORT PROPERTIES, PLASMA MEDIUM
NONEQUILIBRIUM EFFECTS ON ENERGY TRANSFER IN AN IONIZED FLUID FLOW.
AD-634 767 20I T 66 15 HC$ 4.00 MF$ 1.00

TRANSPORTATION, GREENLAND
SNOW STUDIES AND OTHER OBSERVATIONS - OPERATION KING DOG, SONDRESTROM, GREENLAND.
AD-634 469 8L T 66 15 HC$ 2.60 MF$ 0.50

TRANSURANIUM ELEMENTS, PROCESSING
CRITICAL-PATH METHOD FOR SCHEDULING THE TRANSURANIUM PROCESSING PLANT AN APPRAISAL.
ORNL-3925 12B N 20 12 HC$ 2.00 MF$ 0.50

TRAVELING WAVE TUBES, MILLIMETER WAVES
DEVELOPMENT OF A MILLIMETER LOW-NOISE TRAVELING-WAVE AMPLIFIER.
AD-440 424 9A U 41 15 HC$11.60

TRAVELING-WAVE TUBES, MILLIMETER WAVES
SUPERPOWER MILLIMETER WAVE TUBE.
AD-289 893 9A U 41 15 HC$ 2.60

AD-289 894 9A U 41 15 HC$ 2.60

AD-289 897 9A U 41 15 HC$ 4.60

AD-289 898 9A U 41 15 HC$ 2.60

AD-289 899 9A U 41 15 HC$ 2.60

TRIODES, PRODUCTION
FIELD EFFECT TRIODES AND SPACE CHARGE LIMITED TRIODES.
AD-294 301 9A U 41 15 HC$ 9.60

TRITIUM, ELECTRON BOMBARDMENT
NEUTRON FORM FACTORS FROM INELASTIC ELECTRON SCATTERING IN TRITIUM AND HELIUM - 3.
AD-634 756 20H T 66 15 HC$ 1.00 MF$ 0.50

TROPICAL REGIONS, AIR POLLUTION
THE POSSIBLE MILITARY SIGNIFICANCE OF CONTAMINANTS FOUND IN TROPICAL ATMOSPHERES.
AD-634 692 13B T 66 15 HC$ 1.00 MF$ 0.50

TUNGSTEN, CHEMICAL REACTIONS
PRINCIPLES GOVERNING THE BEHAVIOR OF SOLID MATERIALS IN SEVERE HIGH TEMPERATURE ENVIRONMENTS.
AD-466 458 21H U 41 15 HC$ 6.60 MF$ 0.75

TUNGSTEN, METAL COATINGS
THE DESORPTION AND MIGRATION OF STRONTIUM ON TUNGSTEN USING PULSED FIELD EMISSION MICROSCOPY.
AD-419 846 20C U 41 15 HC$ 5.60

TUNNELING(ELECTRONICS), SEMICONDUCTORS
RELAXATION PHENOMENA AT HIGH ELECTRIC FIELD ON THE SURFACES OF INDIUM ANTIMONIDE.
AD-634 345 20L T 66 15 HC$ 1.00 MF$ 0.50

TUNNELING(ELECTRONICS), SIMULATION
WAVEGUIDE ANALOG OF TUNNELING THROUGH QUANTUM POTENTIAL BARRIERS.
AD-634 667 20J T 66 15 HC$ 1.00 MF$ 0.50

TURBULENCE, JET MIXING FLOW
COMPARISON OF CLOSURE APPROXIMATION THEORIES IN TURBULENT MIXING.
AD-634 713 20D T 66 15

TURBULENCE, PRESSURE
SPECTRUM OF PRESSURE FLUCTUATIONS IN A TURBULENT FLOW.
AD-634 302 20D T 66 15 HC$ 1.00 MF$ 0.50

TWO-DIMENSIONAL FLOW, PROGRAMMING(COMPUTERS)
REZONE-A PROPOSAL FOR ACCOMPLISHING REZONING IN TWO-DIMENSIONAL LAGRANGIAN HYDRODYNAMICS PROBLEMS.
LA-3455 9B U 41 15 HC$ 2.00 MF$ 0.50

TWO-PHASE FLOW, CRYOGENICS
COOLDOWN OF CRYOGENIC TRANSFER LINES.
LA-3426 20H U 41 15 HC$ 1.00 MF$ 0.50

TWO-PHASE FLOW, MASS TRANSFER
MASS TRANSFER IN ANNULAR, TWO-PHASE FLOW.
PB-170 406 20D U 41 15 HC$17.80 MF$ 1.00

ULTRASONIC RADIATION, ABSORPTION
ABSORPTION OF SOUND NEAR THE CRITICAL POINT OF THE NITROBENZENE-ISO-OCTANE SYSTEM.
AD-634 578 7D T 66 15

ULTRASONIC RADIATION, CLEANING
EVALUATION OF ULTRASONIC CLEANER.
AD-470 066 13H U 41 15 HC$ 1.10 MF$ 0.50

ULTRASONIC RADIATION, ELECTROLYTES
ULTRASONIC VIBRATION POTENTIALS AND THEIR USE IN THE DETERMINATION OF IONIC PARTIAL MOLAL VOLUMES.
AD-634 576 7D T 66 15 HC$ 3.00 MF$ 0.50

ULTRAVIOLET RADIATION, FIBERS(SYNTHETIC)
DETERIORATION OF FIBROUS MATERIALS BY ULTRAVIOLET LIGHT.

AD-405 433 11E U 41 15 HC$ 2.60

UNDERGROUND EXPLOSIONS, SEISMIC WAVES
SEISMIC-WAVE PROPAGATION FROM SALT-DOME ENVIRONMENTS,
AD-444 492 8K U 41 15 HC$ 6.60

UNDERGROUND STRUCTURES, ARCTIC REGIONS
PICTORIAL PERFORMANCE STUDY OF CAMP CENTURY (1960-1962).
AD-634 470 13B T 66 15 HC$ 1.60 MF$ 0.50

UNDERGROUND STRUCTURES, ELASTICITY
THE ELASTIC RESPONSE OF BURIED CYLINDERS IN SAND,
AD-634 648 20K T 66 15 HC$ 1.00 MF$ 0.50

UNDERGROUND STRUCTURES, MATERIALS
MATERIALS FOR USE IN MITIGATING BLAST LOADS ON DEEPLY BURIED PROTECTIVE STRUCTURES,
AD-634 691 18C T 66 15 HC$ 1.00 MF$ 0.50

UNDERGROUND STRUCTURES, NUCLEAR EXPLOSION DAMAGE
AIR BLAST EFFECTS ON UNDERGROUND STRUCTURES,
AD-634 468 19D T 66 15 HC$13.60 MF$ 1.00

UNDERGROUND STRUCTURES, TESTS
STATIC AND DYNAMIC TESTS OF BURIED UNREINFORCED CONCRETE ARCHES,
AD-634 675 20K T 66 15 HC$ 1.00 MF$ 0.50

UNITED STATES GOVERNMENT, INDUSTRIAL RELATIONS
AN APPRAISAL OF INPUT-OUTPUT ANALYSIS BASED ON A DOCUMENTATION OF THE INTERINDUSTRY RELATIONS STUDY FOR 1947.
AD-634 236 5C T 66 15 HC$ 6.00 MF$ 1.50

UNIVERSITIES, ECONOMICS
OHIO: PROVIDING PRACTICAL ASSISTANCE IN COMPREHENSIVE ECONOMIC DEVELOPMENT.
PB-170 337 5C U 41 15 HC$ 3.00 MF$ 0.50

UPPER ATMOSPHERE, ATMOSPHERE MODELS
THE DEVELOPMENT OF A DYNAMIC THREE-DIMENSIONAL ATMOSPHERIC MODEL FOR USE IN THE STUDY OF THE SELECTIVITY OF ORBITAL DECAY (TASK III),
SC-DC-65-1701 4A U 41 15 HC$ 3.00 MF$ 0.75

UPPER ATMOSPHERE, CHEMICAL REACTIONS
A WIND TUNNEL INVESTIGATION OF THE NITRIC OXIDE-OXYGEN ATOM REACTION.
AD-634 312 7D T 66 15 HC$ 3.00 MF$ 0.75

UPPER ATMOSPHERE, INSTRUMENTATION
PROJECT SAND FINAL PROGRAM REPORT. VOLUME II. SAND FILTER-SAMPLER ANALYSIS, DEVELOPMENT, AND TESTING,
SC-RR-65-491 6R N 20 13 HC$ 2.00 MF$ 0.50

UPPER ATMOSPHERE, PROTONS
ORIGIN AND LOSS OF INNER ZONE PROTONS.
AD-634 704 4A T 66 15 HC$ 1.00 MF$ 0.50

UPPER ATMOSPHERE, TERRESTRIAL MAGNETISM
A STUDY OF THE TRANSMISSION OF PLANE HYDROMAGNETIC WAVES THROUGH THE UPPER ATMOSPHERE,
AD-443 875 8N U 41 15 HC$24.90

UPPER ATMOSPHERE, WIND
TROPICAL UPPER AIR STUDIES.
AD-297 797 4B U 41 15 HC$ 2.60

URANIUM ALLOYS, DIFFUSION
DIFFUSION IN GAMMA URANIUM.
ANL-6568 11F U 41 15 HC$ 3.00 MF$ 0.75

URANIUM ALLOYS, MECHANICAL PROPERTIES
PHYSICAL AND MECHANICAL PROPERTIES OF U-7.5 W/O NB-2.5 W/O ZR ALLOY,
UCRL-14724 18J N 20 12 HC$ 1.00 MF$ 0.50

URANIUM COMPOUNDS, CARBIDES
POWER METALLURGY OF URANIUM MONOCARBIDE,
Y-1510 18J N 20 12 HC$ 2.00 MF$ 0.50

URANIUM COMPOUNDS, CHEMICAL REACTIONS
REACTION AVEC L'AZOTE DES CARBURES D'URANIUM ET DE PLUTONIUM (REACTION OF URANIUM AND PLUTONIUM CARBIDES WITH NITROGEN),
PB-169 891 7E U 41 15 HC$ 3.60 MF$ 0.50

URANIUM COMPOUNDS, DIFFUSION
REVIEW OF STATUS OF SELF-DIFFUSION IN US, UN, UO2, AND UC,
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JANVIER: PROGRAMME DE RESOLUTION SUR IBM 7094 DES PROBLEMES DE CELLULES EN GEOMETRIE PLANE, SPHERIQUE ET CYLINDRIQUE DANS L'APPROXIMATION DOUBLE PN. (JANUARY: IBM 709 PROGRAMME FOR THE RESOLUTION OF CELL PROBLEMS IN PLANAR, SPHERICAL AND CYLINDRICAL GEOMETRY USING THE DOUBLE PN APPROXIMATION),
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ABSORPTION OF SOUND NEAR THE CRITICAL POINT OF THE NITROBENZENE-ISO-OCTANE SYSTEM,
AD-634 578 7D T 66 15

ANASTOS, GEORGE
CURRENT REFERENCES IN MEDICAL ENTOMOLOGY FROM RUSSIAN, CENTRAL AND EASTERN EUROPEAN AND CHINESE LITERATURE. VOLUME V. NUMBER 4,
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ADDITIONAL YIELD DATA FOR TRANSPLUTONIUM ELEMENT PRODUCTION IN THERMAL REACTORS,
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ROVER DESTRUCT TEST THREE, ABERDEEN PROVING GROUND.
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KINETICS OF IONIZATION OF OXYGEN,
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THE STRUCTURE OF SHOCK WAVES IN AIR WITH ACCOUNT BEING TAKEN OF THE KINETICS OF CHEMICAL REACTIONS AND THE EXCITATION OF MOLECULAR VIBRATIONS OF NITROGEN,
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RECENT CONTRIBUTIONS TO LYAPUNOV'S SECOND METHOD,
AD-634 418 12A T 66 15

SOME PROBLEMS CONCERNING STABILITY IN THE LARGE,
AD-634 419 12A T 66 15

ANTUNES-RODRIGUES, J.
PHYSIOLOGY AND CHEMISTRY OF HYPOTHALAMIC FACTORS WHICH INFLUENCE GONADOTROPHIN SECRETION,
AD-634 582 6P T 66 15

APPLEMAN, HERBERT S.
WEATHER MODIFICATION,
AD-443 779 4B U 41 15 HC$ 2.60

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NOL HYPERSONIC SHOCK TUNNEL FACILITIES.
AD-447 153 14B U 41 15 HC$ 2.60

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COMMUNICATIONS OF THE LUNAR AND PLANETARY LABORATORY, VOLUME 4, PART 2,
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DETECTION OF THE RAPID HALATION OF PHOTOIONIZATION AND THE CLOUD OF CONCENTRATED LONG-LIFE IONIZATION RESULTING FROM THE SHOCK WAVE OF A SPARK IN A LASER BEAM,
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SEMICONDUCTOR LIGHT SOURCES,
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ELK RIVER REACTOR OPERATIONS ANALYSIS PROGRAM. TOPICAL REPORT, CONTROL ROD ANALYSIS, TASK 204,
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LA CONSTRUCTION DE L'ANNEAU DE STOCKAGE ACO D'ORSAY. I: ETAT DES TRAVAUX. II: SYSTEMES DE DETECTION (CONSTRUCTION OF THE ORSAY ACO STORAGE RING. I: PROGRESS REPORT. II: DETECTING SYSTEMS),
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OPERATIONS PLAN - OPERATION HENRE.
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SELECTED VALUES OF CHEMICAL THERMODYNAMIC PROPERTIES. PART II. TABLES FOR THE ELEMENTS TWENTY-THREE THROUGH THIRTY-TWO IN THE STANDARD ORDER OF ARRANGEMENT,
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LIST OF AEC RADIOISOTOPE CUSTOMERS WITH SUMMARY OF RADIOISOTOPE SHIPMENTS, FY 1965,
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THE EFFECTS OF GAS OCCLUSIONS AND STRAINS ON THE MAGNETIC PROPERTIES OF THIN PERMALLOY FILMS.
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PROCEEDINGS OF INFORMATION MEETING ON IRRADIATED WOOD-PLASTIC MATERIALS HELD AT CONRAD HILTON HOTEL, CHICAGO, ILLINOIS, SEPTEMBER 15, 1965,
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DATA STRUCTURING AND DEFINITIONS FOR COMPONENT PARTS INFORMATION RETRIEVAL,
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A SIMPLE DEVICE FOR AIDING THE PROGRAMMING OF THE LGP-30 DIGITAL COMPUTER,
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NITROGEN-PHOSPHOROUS POLYMERS.
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FUNDAMENTAL STUDIES IN HIGH-TEMPERATURE MATERIALS PHENOMENA. SCOPE I. HIGH-TEMPERATURE-PRESSURE PHYSICAL PROPERTY MEASUREMENTS. SCOPE II. ELECTRICAL RESISTIVITY MEASUREMENTS OF MATERIALS IN RELATION TO HIGH TEMPERATURE TRANSFORMATIONS. SCOPE III. TRANSFORMATIONS IN AB2 INTERMETAL.
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INTERPRETATION OF ELECTRON DIFFRACTION PATTERNS FROM THIN PLATELETS.
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ANALYTIC REPRESENTATION OF GENERALIZED FUNCTIONS.
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ANALYTICAL DEVELOPMENT OF THE PLANETARY DISTURBING FUNCTION ON A DIGITAL COMPUTER,
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AESOP: A GENERAL PURPOSE APPROACH TO REAL-TIME, DIRECT ACCESS MANAGEMENT INFORMATION SYSTEMS,
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VAPOR-DEPOSITED FILM DISTRIBUTION ON CURVED SUBSTRATE SURFACES,
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THE HOMOGENIZATION AND DENSIFICATION OF ZRO2 + UO2 FUELS UNDER IRRADIATION,
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HYDRO -- A SMALL, WATER-COOLED, AND WATER-REFLECTED NEUTRON SOURCE,
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SOLUTION SYSTEMS FOR THE DISPLACING OF ORGANIC LIQUIDS FROM SOLID SURFACES,
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ROVER POSTOPERATIONAL DESTRUCT INSTRUMENTATION DEVELOPMENT,
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INTEGRAL NEUTRON THERMALIZATION.
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BLACKMER, RAYMOND F.
NOISE LOCALIZATION AFTER UNILATERAL ATTENUATION.
AD-634 457 6J T 66 15 HC$ 1.00 MF$ 0.50

BLACK, ROBERT L.
TOURIST AND RECREATION POTENTIAL: MONROE COUNTY, OHIO,
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FIELD EFFECT TRIODES AND SPACE CHARGE LIMITED TRIODES.
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ACCELERATORS OF THE FUTURE,
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LIGHT ATTENUATION BY PHOTOCHEMICAL MEANS: PHOTOCHROMISM,
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HEAT TRANSFER ACROSS SURFACES IN CONTACT - PRACTICAL EFFECTS OF TRANSIENT TEMPERATURE AND PRESSURE ENVIORNMENTS.
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BLUM, J. F.
PRODUCTION ENGINEERING MEASURE FOR BERYLLIUM OXIDE AND PARTS PRODUCED FROM IMPORTED ORES.
AD-634 354 13H T 66 15 HC$ 4.00 MF$ 0.75

BOBBER, ROBERT J.
GENERAL RECIPROCITY PARAMETER.
AD-634 707 20A T 66 15

BODEN, D. P.
HIGH ENERGY SYSTEM (ORGANIC ELECTROLYTE).
AD-634 491 10C T 66 15 HC$ 4.00 MF$ 0.75

BOGAERT, L. T.
MODULAR STEAM GENERATOR FABRICATION,
NAA-SR-11739 13H U 41 15 HC$ 3.00 MF$ 0.50

BOGDANOFF, J. L.
ON THE STATISTICAL PROPERTIES OF THE GROUND CONTOUR AND ITS RELATIONS TO THE STUDY OF LAND LOCOMOTION,
AD-402 334 8M U 41 15 HC$ 4.60

ON THE STATISTICAL ANALYSIS OF LINEAR VEHICLE DYNAMICS,
AD-402 391 8M U 41 15 HC$ 5.60

BOGEN, DONALD C.
FLIGHT DATA AND RESULTS OF RADIOCHEMICAL ANALYSES OF FILTER SAMPLES COLLECTED DURING 1963. APPENDIX TO PROGRESS REPORT NO. 11 ON PROJECT STARDUST,
HASL-168 7E U 41 15 HC$ 6.00 MF$ 1.25

FLIGHT DATA AND RESULTS OF RADIOCHEMICAL ANALYSES OF FILTER SAMPLES COLLECTED DURING 1964. PROGRESS REPORT NO. 12 ON PROJECT STARDUST,
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CHIMPANZEE PERFORMANCE DURING EIGHT DAYS OF SIMULATED ORBITAL FLIGHT,
AD-430 655 6C U 41 15 HC$ 2.60

BOLING, M. A.
DTF-II -- A ONE-DIMENSIONAL, MULTIGROUP NEUTRON TRANSPORT PROGRAM,
NAA-SR-10951 18K U 41 15 HC$ 2.45 MF$ 0.75

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A STUDY OF TWIN-ENGINE AIRPLANE PROPELLER INTERCONNECTION.
PB-170 403 1C U 41 15 HC$ 7.60 MF$ 0.75

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A STUDY OF THE TRANSMISSION OF PLANE HYDROMAGNETIC WAVES THROUGH THE UPPER ATMOSPHERE,
AD-443 875 8N U 41 15 HC$24.90

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SURFACE CONDITIONS OF THE ORGUEIL METEORITE PARENT BODY AS INDICATED BY MINERAL ASSOCIATIONS,
N66-14557 8G U 41 15 HC$ 3.00 MF$ 0.75

BOTTINO, A.
DISPERSION CORRECTIONS TO ELECTRON SCATTERING IN C12 AND O16,
PB-169 607 20H U 41 15 HC$ 3.60 MF$ 0.50

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TRAITEMENT DES INFORMATIONS ISSUES D'UN SPECTROMETRE (PROCESSING OF DATA ISSUED FROM GAMMA SPECTROMETER),
PB-169 890 18D U 41 15 HC$ 5.60 MF$ 0.50

BOULGER, F. W.
DEFORMATION PROCESSING OF TITANIUM AND ITS ALLOYS,
AD-634 141 13H T 66 15 HC$ 7.00 MF$ 1.75

BOUTIN, HENRI P.
STUDY OF LOW FREQUENCY MOLECULAR MOTIONS IN EXPLOSIVES BY SLOW NEUTRON INELASTIC SCATTERING,
AD-634 661 19A T 66 15 HC$ 1.00 MF$ 0.50

BOWER, CHARLOTTE M.
GLOSSARY TO THE SCIENCE OF COMPOSITES.
AD-634 604 11D T 66 15 HC$ 3.00 MF$ 0.75

BOWER, R. C.
ROVER DESTRUCT TEST THREE, ABERDEEN PROVING GROUND.
SC-CR-66-2017 21F N 20 12 HC$ 1.00 MF$ 0.50

BOWE, J. J.
FIELD EFFECT AND SPACE-CHARGE-LIMITED THIN FILM TRIODES.
AD-451 775 9A U 41 15 HC$ 8.60

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AN EXPLORATORY INVESTIGATION INTO THE DEFLECTION OF THICK JETS BY THE COANDA EFFECT,
PB-169 457 20D U 41 15 HC$ 2.60 MF$ 0.50

BRADFORD, J. M.
A LARGE ULTRA HIGH VACUUM ENVIRONMENTAL CHAMBER WITH LIQUID HELIUM COOLED WALLS,
N66-14578 14B U 41 15 HC$ 1.00 MF$ 0.50

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PROGRAMMED TUBE TO TUBESHEET WELDING ON HANFORD HEAT EXCHANGERS USED IN NUCLEAR PROCESSING SERVICE,
RL-SEP-710 13H U 41 15 HC$ 1.00 MF$ 0.50

BRAKE, CHARLES M.
INTRARENAL HEMODYNAMIC CHANGES FOLLOWING ACUTE PARTIAL RENAL ARTERIAL OCCLUSION,
PB-169 871 6P U 41 15 HC$ 1.10 MF$ 0.50

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A RECHARGEABLE THIN-FILM SOLID-ELECTROLYTE BATTERY,
AD-634 626 10C T 66 15 HC$ 1.00 MF$ 0.50

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SYNTHESIS AND DEGRADATION OF POLY ALKYL ALPHA CYANOACRYLATES,
AD-634 617 7C T 66 15 HC$ 1.00 MF$ 0.50

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A NEW MICROWAVE SEMICONDUCTOR OSCILLATOR,
AD-634 689 9E T 66 15 HC$ 1.00 MF$ 0.50

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THE RADIOOCEANOGRAPHIC INVESTIGATION OF SEA SWELLS,
AD-634 242 8C T 66 15 HC$ 5.00 MF$ 1.00

BRAUN, JOSEPH F.
UH-1B HELICOPTER FLIGHT LOADS INVESTIGATION PROGRAM.
AD-634 502 1C T 66 15 HC$ 4.00 MF$ 0.75

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DETERMINATION OF COINCIDENCE CORRECTIONS IN A PROPORTIONAL COUNTER. II. I. LEAST SQUARES ANALYSIS BY THE VARIATIONAL AND GENERAL METHODS.
MLM-1263 9B U 41 15 HC$ 2.00 MF$ 0.50

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PURIFICATION OF RARE EARTHS FROM HANFORD WASTES BY SOLVENT EXTRACTION,
BNWL-187 18G U 41 15 HC$ 2.00 MF$ 0.50

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A CORRELATION OF THE BASE DRAG OF BODIES-OF-REVOLUTION WITH A JET EXHAUSTING THROUGH THE BASE,
AD-634 662 16D T 66 15 HC$ 1.00 MF$ 0.50

BRECHNA, H.
PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON MAGNET TECHNOLOGY, STANFORD LINEAR ACCELERATOR CENTER, STANFORD UNIVERSITY, STANFORD, CALIFORNIA, SEPTEMBER 8-10, 1965,
CONF-650922 20G U 41 15 HC$ 8.50 MF$ 3.50

2-METER SPARK CHAMBER MAGNET MODEL FOR THE DETERMINATION OF FIELD DISTRIBUTION IN SPACE,
SLAC-57 20G U 41 15 HC$ 3.00 MF$ 0.75

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PRELIMINARY DESIGN OF A GEOLOGIC SAMPLE ACQUISITION AND TRANSPORT DEVICE.
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HONEYCOMB CERAMIC RADOME TECHNIQUES.
AD-474 285 17I U 41 15 HC$ 2.00 MF$ 0.50

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FOREIGN OBJECT INGESTION PREDICTION FOR ENGINE INLETS BY TRAJECTORY ANALYSIS IN A POTENTIAL FLOW FIELD.
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STUDY OF DUCTILE COATINGS FOR THE OXIDATION PROTECTION OF COLUMBIUM AND MOLYBDENUM ALLOYS.
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BRETT, HERBERT
A NEW TYPE OF BROADBAND LOW NOISE RADIO FREQUENCY AMPLIFIER.
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BREWBAKER, J.
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UH-235P5-1 18B U 41 15 HC$ 3.00 MF$ 0.75

BREWER, A. W.
A PRECISION BACK-REFLECTION LAUE CAMERA.
RFP-636 18D U 41 15 HC$ 1.00 MF$ 0.50

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APPLICATION OF THE FINITE ELEMENT METHOD TO STRESS ANALYSIS OF SOLID PROPELLANT ROCKET GRAINS. VOLUME II, PART I.
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AD-476 735 21I U 41 15 HC$10.60 MF$ 0.75

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TUNGSTEN-RHENIUM ALLOY THERMOCOUPLES AND THEIR USE IN A UO2-FUELED REACTOR.
ANL-6981 18I U 41 15 HC$ 2.00 MF$ 0.50

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ISOLATION AND IDENTIFICATION OF TOXIC FRACTIONS OF COBRA VENOM.
AD-634 646 6T T 66 15 HC$ 1.00 MF$ 0.50

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AXISYMMETRIC BUCKLING OF ORTHOTROPIC CIRCULAR PLATES WITH VARIABLE THICKNESS.
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COATING STUDIES AT KWAJALEIN, KANEOHE, AND PORT HUENEME.
AD-634 201 11C T 66 15 HC$ 1.60 MF$ 0.50

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REZONE-A PROPOSAL FOR ACCOMPLISHING REZONING IN TWO-DIMENSIONAL LAGRANGIAN HYDRODYNAMICS PROBLEMS.
LA-3455 9B U 41 15 HC$ 2.00 MF$ 0.50

BROWNING, M. E.
DEPOSITION FORMING PROCESSES FOR AEROSPACE STRUCTURES.
AD-433 559 13H U 41 15 HC$ 4.00

BROWN, DAVID
TOURIST AND RECREATION POTENTIAL: THE JUNIATA MOUNTAINS AREA SOUTH CENTRAL PENNSYLVANIA (BEDFORD, BLAIR, CENTRE, FULTON, HUNTINGDON, JUNIATA, MIFFLIN AND PERRY COUNTIES),
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PB-170 259 5C U 41 15 HC$ 4.00 MF$ 1.00

BROWN, JERRY
MASSIVE UNDERGROUND ICE IN NORTHERN REGIONS,
AD-634 664 8L T 66 15 HC$ 1.00 MF$ 0.50

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AD-634 305 4B T 66 15 HC$ 4.00 MF$ 0.75

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TOURIST AND RECREATION POTENTIAL: EASTERN PANHANDLE AREA, W. VA. (GRANTE, HARDY, HAMSPHIRE, MINERAL AND MORGAN COUNTIES),
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TOURIST AND RECREATION POTENTIAL: IDAHO 'PANHANDLE' AREA,
PB-170 230 5C U 41 15 HC$ 4.00 MF$ 0.75

TOURIST AND RECREATION POTENTIAL: SOUTHERN MARYLAND (CALVERT, CHARLES AND ST. MARY'S COUNTIES,
PB-170 231 5C U 41 15 HC$ 3.00 MF$ 0.75

TOURIST AND RECREATION POTENTIAL: LAFAYETTE AND SUWANNE COUNTIES, SUWANNE RIVER AREA, FLORIDA,
PB-170 233 5C U 41 15 HC$ 4.00 MF$ 0.75

TOURIST AND RECREATION POTENTIAL: LAKE CHAMPLAIN-ADIRONACK AREA (ESSEX AND CLINTON COUNTIES, NEW YORK AND GRAND ISLE COUNTY, VERMONT),
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TOURIST AND RECREATION POTENTIAL: SOUTHERN AND EASTERN SOUTH CAROLINA (26 COUNTIES),
PB-170 240 5C U 41 15 HC$ 5.00 MF$ 1.00

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AD-448 220 14B U 41 15 HC$ 5.60

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MECHANISMS OF EROSION OF TITANIUM BORONITRIDE ROCKET NOZZLES.
AD-634 136 21H T 66 15 HC$ 2.00 MF$ 0.50

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DEVELOPMENT OF WEAPON SYSTEM RELIABILITY GOALS FROM OPERATIONS ANALYSIS,
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COMPILATION OF RESOLUTIONS AND INTENSITIES OF SLOW NEUTRON, INELASTIC SCATTERING, TIME-OF-FLIGHT INSTRUMENTS,
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SEPARATION AND SPECTROPHOTOMETRIC MEASUREMENT OF 0.5 TO 10 PARTS PER MILLION OF THORIUM IN PLUTONIUM,
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PRODUCTION OF BWAMBA VIRUS REAGENTS.
PB-170 683 6M U 41 15 HC$ 1.00 MF$ 0.50

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COUPLED CONVECTIVE AND RADIATIVE HEATING TO SUPERORBITAL ENTRY VEHICLES,
N66-16378 20N U 41 15 HC$ 4.00 MF$ 0.75

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TOURIST AND RECREATION POTENTIAL: LAKE CHAMPLAIN-ADIRONACK AREA (ESSEX AND CLINTON COUNTIES, NEW YORK AND GRAND ISLE COUNTY, VERMONT),
PB-170 234 5C U 41 15 HC$ 4.00 MF$ 1.00

BUESSEM, W. R.
FUNDAMENTAL STUDIES IN HIGH-TEMPERATURE MATERIALS PHENOMENA. SCOPE I. HIGH-TEMPERATURE-PRESSURE PHYSICAL PROPERTY MEASUREMENTS. SCOPE II. ELECTRICAL RESISTIVITY MEASUREMENTS OF MATERIALS IN RELATION TO HIGH TEMPERATURE TRANSFORMATIONS. SCOPE III. TRANSFORMATIONS IN AB2 INTERMETAL.
TID-21673 18J U 41 15 HC$ 4.00 MF$ 1.00

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RESEARCH INVESTIGATIONS IN THE PHYSICAL CHEMISTRY AND METALLURGY OF SEMICONDUCTING MATERIALS.
AD-274 516 20L U 41 15 HC$ 1.00

BUMNER, H. R.
HIGH ENERGY SYSTEM (ORGANIC ELECTROLYTE).
AD-634 491 10C T 66 15 HC$ 4.00 MF$ 0.75

BULLACH, CLARENCE W.
TOURIST AND RECREATION POTENTIAL: PINE RIDGE INDIAN RESERVATION AREA, SOUTH DAKOTA (BENNETTI, SHANNON, AND WASHABAUGH COUNTIES, INCLUDING THE NON-MONUMENT SECTION OF THE BADLANDS - AERIAL GUNNERY RANGE),
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BUNCH, D. F.
CONTROLLED ENVIRONMENTAL RADIOIODINE TESTS AT THE NATIONAL REACTOR TESTING STATION, 1965 PROGRESS REPORT,
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BUNT, E. A.
PROPULSION RESEARCH LABORATORY SUMMARY REPORT FOR FY 1965.
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CRITICAL-PATH METHOD FOR SCHEDULING THE TRANSURANIUM PROCESSING PLANT AN APPRAISAL,
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THE REPLACEMENT OF LARGE VEINS WITH FREE INVERTED SEGMENTS OF SMALL BOWEL,
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2-METER SPARK CHAMBER MAGNET MODEL FOR THE DETERMINATION OF FIELD DISTRIBUTION IN SPACE,
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BURGETT, R.
SUMMARY TECHNICAL REPORT FOR THE PERIOD OCTOBER 1-DECEMBER 31, 1965,
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A TECHNIQUE OF RESOURCE ALLOCATION FOR USE WITH THE CRITICAL PATH METHOD,
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RADIATION DAMAGE IN PT PRODUCED BY 1.8-3.0-MEV ELECTRONS.
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DIAN - A SYSTEM FOR PROGRAMMING A DIGITAL COMPUTER IN TERMS OF ANALOG COMPONENTS,
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DUCTILITY OF REFRACTORY METALS THROUGH THERMAL TECHNIQUES,
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DEFORMATION PROCESSING OF TITANIUM AND ITS ALLOYS,
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CADLE, HUBERT H.
DYNAMIC LOADING RESEARCH FOR TRANSIENT LOAD APPLICATIONS,
AD-634 666 20K T 66 15 HC$ 1.00 MF$ 0.50

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TECHNOLOGY STUDY OF PASSIVE CONTROL OF HUMIDITY IN SPACE SUITS,
N66-14556 6K U 41 15 HC$ 3.00 MF$ 0.75

CAHILL, A. E.
FIELD EFFECT TRIODES AND SPACE CHARGE LIMITED TRIODES.
AD-409 102 9A U 41 15 HC$ 7.60

CAIALDU, H.
PIQUA NUCLEAR POWER FACILITY REACTOR OPERATIONS, ANAYLIS PROGRAM.
NAA-SR-11628 18I U 41 15 HC$ 4.00 MF$ 1.00

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GLOSSARY TO THE SCIENCE OF COMPOSITES.
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RED CELL FRAGILITY AND BLOOD PRESERVATION - THE OSMOGRAM,
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AD-634 667 20J T 66 15 HC$ 1.00 MF$ 0.50

CAPENER, E. L.
RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSIVE TRANSIENTS.
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CAPON, JACK
A FREQUENCY-DOMAIN SYNTHESIS PROCEDURE FOR MULTIDIMENSIONAL MAXIMUM-LIKELIHOOD PROCESSING OF SEISMIC ARRAYS.
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CARAS, GUS J.
SILICON CARBIDE FOR SEMICONDUCTORS,
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CARLETON, LEE T.
CHEMILUMINESCENCE AS A TOOL FOR BIODETECTION,
AD-634 628 15B T 66 15 HC$ 1.00 MF$ 0.50

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DPC A TWO-DIMENSIONAL DATA PREPARATION CODE,
LA-3427 9B U 41 15 HC$ 3.00 MF$ 0.75

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MANNING REQUIREMENTS FOR FIRE CONTROL SYSTEMS ASSOCIATED WITH TORPEDO MK 48,
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CASE, B.
RESEARCH INVESTIGATIONS ON PHOTO FACSIMILE TRANSMISSION TECHNIQUES.
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IRRADIATION BEHAVIOR OF ZR-U DRIVER TUBES FOR HWCTR,
DP-994 18J U 41 15 HC$ 1.00 MF$ 0.50

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INCORPORATION OF PROTEIN AND NUCLEIC ACID PRECURSORS INTO FROG NERVOUS TISSUE IN VITRO,
N66-15245 6A U 41 15 HC$ 1.00 MF$ 0.50

CASTONGUAY, T. T.
ROVER DESTRUCT TEST THREE, ABERDEEN PROVING GROUND.
SC-CR-66-2017 21F N 20 12 HC$ 1.00 MF$ 0.50

CATALANO, S. F.
A MULTI-CAVITY KLYSTRON COMPUTER PROGRAM INCLUDING POTENTIAL DEPRESSION CORRECTION,
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CAVALETTO, C.
DOSIMETRY, TOLERANCE, AND SHELF LIFE EXTENSION RELATED TO DISINFESTATION OF FRUIT AND VEGETABLES BY GAMMA IRRADIATION.
UH-235P5-1 18B U 41 15 HC$ 3.00 MF$ 0.75

CHAFFEE, M.
A STUDY OF NON-DEEPENING TROPICAL DISTURBANCE,
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CHANG, L.
INFRARED COATING STUDIES.
AD-471 653 20F U 41 15 HC$ 2.60 MF$ 0.50

CHARNES, A.
SIMULATION, OPTIMIZATION AND EVALUATION OF SYSTEMS OF TRAFFIC NETWORKS.
AD-634 239 12B T 66 15 HC$ 2.00 MF$ 0.50

CHEEVER, D. L.
MECHANICAL FASTENING OF NICKEL-BASE ALLOYS,
AD-634 260 13H T 66 15 HC$ 3.00 MF$ 0.75

MECHANICAL FASTENING OF TITANIUM AND ITS ALLOYS,
AD-634 532 13H T 66 15 HC$ 3.00 MF$ 0.75

CHELF, C. R.
ROCK AND MINERAL RESOURCES OF EAST TEXAS,
PB-170 276 5C U 41 15 HC$ 8.35 MF$ 2.25

CHESAVAGE, A.
DEVELOPMENT OF A SOLID-STATE NEUTRON DETECTOR FOR SNAP-10A,
NAA-SR-11762 18D U 41 15 HC$ 2.00 MF$ 0.50

CHESTNUTT, DAVID
UH-1B HELICOPTER FLIGHT LOADS INVESTIGATION PROGRAM.
AD-634 502 1C T 66 15 HC$ 4.00 MF$ 0.75

CH-54A SKYCRANE ENGINE LOAD SHARING.
AD-634 503 1C T 66 15 HC$ 3.00 MF$ 0.50

CHIAPETTA, R. L.
STUDIES OF REACTOR CONTAINMENT STRUCTURES.
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CHICK, W.
STUDIES ON ETIOLOGY OF EXPERIMENTAL SHOCK.
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CHIN, NORMAN T.
NEARFIELD SOUND PRESSURE ON SQUARE AND RECTANGULAR ARRAYS WITH BEAM STEERING.
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CHLECK, DAVID
DEVELOPMENT OF 85 KR AS A UNIVERSAL TRACER. EXTENSION OF PHASE III. AREAS OF APPLICATION.
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EFFECT OF TEMPERATURE AND RATE OF LOADING ON THE TENSILE PROPERTIES OF GLASS-REINFORCED POLYESTER,
AD-451 322 11D U 41 15 HC$ 1.60

CHOU, P. C.
FLEXURAL WAVES IN ELASTIC CIRCULAR PLATES BY METHOD OF CHARACTERISTICS.
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CHRISTE, K. O.
HIGH ENERGY OXIDIZERS.
AD-432 061 7B U 41 15 HC$ 1.60

CHRISTY, D. O.
LOCAL ORDER FOR TERNARY MATERIALS IN A CRYSTAL.

AD-634 486 20L T 66 15 HC$ 3.00 MF$ 0.75

CHUANG, HSING
TEMPERATURE DISTRIBUTION IN A POISEUILLE PLASMA ARC,
PB-169 897 20I U 41 15 HC$ 4.60 MF$ 0.50

CHURCHMAN, C. W.
THE ROLE OF THE RESEARCH ADMINISTRATOR,
N66-14417 5A U 41 15 HC$ 1.00 MF$ 0.50

CIKULIN, M. A.
MODELING THE TUNGUS METEORITE EXPLOSION,
AD-634 380 8G T 66 15 HC$ 1.00 MF$ 0.50

CIOCCHETTI, G.
DISPERSION CORRECTIONS TO ELECTRON SCATTERING IN C12 AND O16,
PB-169 607 20H U 41 15 HC$ 3.60 MF$ 0.50

CIONCO, RONALD M.
A MATHEMATICAL MODEL FOR AIR FLOW IN A VEGETATIVE CANOPY,
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THE DYNAMIC STIFFNESS OF A PNEUMATTIC TIRE MODEL,
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THE BEHAVIOR OF SUPERALLOY OXIDE FILMS IN MOLTEN SALTS.
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SEMIANNUAL REPORT TO THE ATOMIC ENERGY COMMISSION,
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A FACILE SYNTHESIS OF BETA-ALKOXY MERCAPTANS AND BETA-THIOALKOXY MERCAPTANS,
AD-634 583 7C T 66 15

DRAKE, WILLIAM
TOURIST AND RECREATION POTENTIAL: PINE RIDGE INDIAN RESERVATION AREA, SOUTH DAKOTA (BENNETT, SHANNON, AND WASHABAUGH COUNTIES, INCLUDING THE NON-MONUMENT SECTION OF THE BADLANDS - AERIAL GUNNERY RANGE),
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ISOLATION OF A LOW MOLECULAR WEIGHT SIALIDASE (NEURAMINIDASE) FROM INFLUENZA VIRUS,
AD-634 549 6A T 66 15

DUCOMMUN, P.
SYNTHESE ET LIBERATION D'ACTH A LA SUITE D'UNE AGRESSION AIGUE CHEZ LE RAT SURRENALECTOMISE (ACTH RELEASE AND SYNTHESIS IN THE ACUTELY STRESSED ADRENALECTOMIZED RAT),
AD-634 555 6P T 66 15

DUCoMMUN, S.
SYNTHESE ET LIBERATION D'ACTH A LA SUITE D'UNE AGRESSION AIGUE CHEZ LE RAT SURRENALECTOMISE (ACTH RELEASE AND SYNTHESIS IN THE ACUTELY STRESSED ADRENALECTOMIZED RAT),
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DUNAWAY, GORDON L.
AEROBEE NASA 4.95 GS (20 MAY 1966).
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AD-634 752 4B T 66 15 HC$ 2.00 MF$ 0.50

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PHYSICAL AND MECHANICAL PROPERTIES OF U-7.5 W/O NB-2.5 W/O ZR ALLOY,
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ANNUAL PROGRESS REPORT ON REACTOR FUELS AND MATERIALS DEVELOPMENT FOR FY 1965,
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FLIGHT DATA AND RESULTS OF RADIOCHEMICAL ANALYSES OF FILTER SAMPLES COLLECTED DURING 1963. APPENDIX TO PROGRESS REPORT NO. 11 ON PROJECT STARDUST,
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PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON MAGNET TECHNOLOGY, STANFORD LINEAR ACCELERATOR CENTER, STANFORD UNIVERSITY, STANFORD, CALIFORNIA, SEPTEMBER 8-10, 1965,
CONF-650922 20G U 41 15 HC$ 8.50 MF$ 3.50

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A METHOD OF MAKING THIN-WINDOW GERMANIUM DETECTORS,
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THE RANDOMLY PACKED SETTLED-BED FAST REACTOR CONCEPT (1000-MW(E) REACTOR DESIGN),
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PROCEEDINGS OF INFORMATION MEETING ON IRRADIATED WOOD-PLASTIC MATERIALS HELD AT CONRAD HILTON HOTEL, CHICAGO, ILLINOIS, SEPTEMBER 15, 1965,
ORNL-IIC-7 18B N 20 12 HC$ 2.00 MF$ 0.75

GREEN, J. K.
HANFORD RADIOLOGICAL SCIENCES RESEARCH AND DEVELOPMENT ANNUAL REPORT FOR 1964,
BNWL-36 7E U 41 15 HC$ 8.71 MF$ 2.00

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MESURE DE L'INTENSITE TOTALE D'IONISATION AU VOISINAGE DU

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THE TRANSLATOR AS A BLACK BOX,
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MOUND LABORATORY PROGRESS REPORT FOR JUNE 1965,
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ANALYSIS OF THE OBSERVATIONAL CONTRIBUTIONS TO THE ERRORS OF THE NAVY SATELLITE DOPPLER GEODETIC SYSTEM,
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INSTALLATION DE CHIMIE ANALYTIQUE SOUS RAYONNEMENT (INSTALLATION FOR ANALYTIC CHEMISTRY UNDER IRRADIATION),
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DETERMINATION OF HYDROGEN ION CONCENTRATION, ELECTRON DENSITY AND PROTON GYROFREQUENCY FROM THE DISPERSION OF PROTON WHISTLERS,
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INDEXES TO THE OAK RIDGE NATIONAL LABORATORY MASTER ANALYTICAL MANUAL (1953-1955),
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CHEMICAL TECHNOLOGY DIVISION, UNIT OPERATIONS SECTION.
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UNIT OPERATIONS SECTION QUARTERLY PROGRESS REPORT, APRIL-JUNE 1965,
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ORNL-3916 18J N 20 12 HC$ 3.00 MF$ 0.75

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DPC A TWO-DIMENSIONAL DATA PREPARATION CODE,
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INFINITE LADDERS AND THE ALGEBRA OF INTEGRATED CURRENT COMPONENTS.
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LABORATORY INVESTIGATIONS IN SUPPORT OF FLUID-BED FLUORIDE VOLATILITY PROCESSES. PART IX. THE FLUID-BED FLUORINATION OF PLUTONIUM-CONTAINING SIMULATED OXIDIC NUCLEAR FUEL IN A 1 1/2-INCH-DIAMETER REACTOR.
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ON THE NONUNIFORM COOLING BEHAVIOR OF THE ECLIPSED MOON,
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THE EFFICIENT UTILIZATION OF AN RF POWER OSCILLATOR FOR PRODUCING LOW-PRESSURE PLASMAS,
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ON RETARDED EVOLUTION OF PROTOSTARS.
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ACCELERATORS OF THE FUTURE,
BNL-791(REV.) 20G U 41 15 HC$ 1.00 MF$ 0.50

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ANNUAL REPORT, JULY 1, 1965.
BNL-929 1B U 41 15 HC$ 6.00 MF$ 1.25

GENETIC CONTROL OF DIFFERENTIATION. REPORT OF SYMPOSIUM HELD JUNE 7-9, 1965. BROOKHAVEN SYMPOSIA IN BIOLOGY, NUMBER 18.
BNL-931 6C U 41 15 HC$ 3.00 MF$ 1.50

PASSAGE OF CHARGED PARTICLES THROUGH CRYSTAL LATTICES. BROOKHAVEN LECTURE SERIES NUMBER 46,
BNL-944 20H U 41 15 HC$ 1.00 MF$ 0.50

PROCESS RADIATION DEVELOPMENT PROGRAM SUMMARIES. ANNUAL CONTRACTORS MEETING (5TH), OCTOBER 7-8, 1965.
BNL-949 7E U 41 15 HC$ 3.00 MF$ 0.75

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APPLICATIONS OF A METHOD OF PATTERN RECOGNITION TO BIOMEDICAL PROBLEMS,
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A CRITICAL SURVEY OF LITERATURE CONCERNING THE TOMS' EFFECT.
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POLYNOMIAL APPROXIMATIONS TO FUNCTIONALS IN THE THEORY OF MATERIALS WITH MEMORY.
AD-634 489 20K T 66 15 HC$ 1.00 MF$ 0.50

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A GENERAL METHOD FOR CALCULATING ELECTRON DIFFRACTION PATTERNS CONTAINING TWIN REFLECTIONS,
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AN ANALYSIS OF COMBINED LONGITUDINAL AND TORSIONAL PLASTIC WAVES IN A THIN-WALLED TUBE.
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IMPACT ON RODS OF NON-LINEAR VISCOPLASTIC MATERIAL NUMERICAL AND APPROXIMATE SOLUTIONS.
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DESCRIPTION OF MECHANICAL BEHAVIOR OF INELASTIC SOLIDS.
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BUREAU OF MINES, MORGANTOWN, W. VA. COAL RESEARCH CENTER.
PROCESS HEAT REACTOR PROGRAM.
TID-21288 18E U 41 15 HC$ 2.00 MF$ 0.50

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TID-21596 18E U 41 15 HC$ 1.00 MF$ 0.50

BUREAU OF NAVAL WEAPONS, WASHINGTON, D. C.
DELAY GENERATOR MX-2962/U; 166D, H02-166D, H03-166D (HEWLETT PACKARD); 1804-7 (HICKOK).
PB-169 990 14B U 41 15 HC$ 1.60 MF$ 0.50

DECADE RESISTORS; GENERAL RESISTANCE 105T AND 106T ANGSTROHM 106P AND 107P.
PB-169 991 14B U 41 15 HC$ 1.10 MF$ 0.50

INDICATING INSTRUMENTS; VOLTAGE/CURRENT-AC/DC.
PB-169 992 14B U 41 15 HC$ 1.10 MF$ 0.50

PHASE METERS; PHAZOR MODELS 100A, 200A (INDUSTRIAL TEST EQUIPMENT CO.).
PB-169 993 14B U 41 15 HC$ 1.60 MF$ 0.50

VIBRATION METERS; MODELS M1, M3, M6 (MB MANUFACTURING CO., INC.).
PB-169 994 14B U 41 15 HC$ 1.60 MF$ 0.50

RADAR TEST SET; AN/UPM-70, AN/UPM-70A.
PB-169 995 14B U 41 15 HC$ 4.60 MF$ 0.50

PUSH-BUTTON OSCILLATOR; 0.001 HZ TO 1.0 MHZ.
PB-169 997 14B U 41 15 HC$ 1.60 MF$ 0.50

COAXIAL ISOLATORS WITH TYPE N CONNECTORS; FREQUENCY RANGE, 0.5 TO 10.0 GHZ.
PB-169 998 14B U 41 15 HC$ 1.60 MF$ 0.50

TIME INTERVAL UNIT; 5262A (HEWLETT-PACKARD).
PB-169 999 14B U 41 15 HC$ 1.10 MF$ 0.50

PORTABLE MILLIVOLT POTENTIOMETER; MODEL 8686 (LEEDS AND NORTHRUP).
PB-170 203 14B U 41 15 HC$ 1.60 MF$ 0.50

RF SIGNAL GENERATOR SET; AN/URM-26 (SG-45), AN/URM-26A (SG-45A), AN/URM-26B (SG-117).
PB-170 205 14B U 41 15 HC$ 2.60 MF$ 0.50

AUDIO OSCILLATOR; MODEL 1311-A (GENERAL RADIO CO.).
PB-170 208 14B U 41 15 HC$ 1.60 MF$ 0.50

FREQUENCY CONVERTER; 5253A AND 5253B (HEWLETT-PACKARD).
PB-170 209 14B U 41 15 HC$ 1.10 MF$ 0.50

OSCILLOSCOPES; 535A, 545A, 545B, RM35A, RM45A, RM545B (TEKTRONIX).
PB-170 210 14B U 41 15 HC$ 3.60 MF$ 0.50

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OUTDOOR RECREATION RESOURCES OF SOUTHERN LAUREL HIGHLANDS, PENNSYLVANIA. VOLUME I. FINDINGS AND RECOMMENDATIONS.
PB-170 280 5C U 41 15 HC$ 3.00 MF$ 0.75

BUREAU OF OUTDOOR RECREATION, PHILADELPHIA, PA.NORTHEAST REGIONAL OFFICE.
OUTDOOR RECREATION RESOURCES OF SOUTHERN LAUREL HIGHLANDS, PENNSYLVANIA. VOLUME II, SECTION A. ECONOMIC ASPECTS. SECTION B. HISTORIC STUDY. SECTION C. SUPPORTING DATA TO THE FINDINGS AND RECOMMENDATIONS,
PB-170 281 5C U 41 15 HC$ 5.00 MF$ 1.00

BUREAU OF OUTDOOR RECREATION, WASHINGTON, D. C.
TOURIST AND RECREATION POTENTIAL: EASTERN PANHANDLE AREA, W. VA. (GRANTE, HARDY, HAMSPHIRE, MINERAL AND MORGAN COUNTIES),
PB-170 227 5C U 41 15 HC$ 3.00 MF$ 0.75

TOURIST AND RECREATION POTENTIAL: IDAHO 'PANHANDLE' AREA,
PB-170 230 5C U 41 15 HC$ 4.00 MF$ 0.75

TOURIST AND RECREATION POTENTIAL: SOUTHERN MARYLAND (CALVERT, CHARLES AND ST. MARY'S COUNTIES,
PB-170 231 5C U 41 15 HC$ 3.00 MF$ 0.75

TOURIST AND RECREATION POTENTIAL: THE JUNIATA MOUNTAINS AREA SOUTH CENTRAL PENNSYLVANIA (BEDFORD, BLAIR, CENTRE, FULTON, HUNTINGDON, JUNIATA, MIFFLIN AND PERRY COUNTIES),
PB-170 232 5C U 41 15 HC$ 4.00 MF$ 0.75

TOURIST AND RECREATION POTENTIAL: LAKE CHAMPLAIN-ADIRONACK AREA (ESSEX AND CLINTON COUNTIES, NEW YORK AND GRAND ISLE COUNTY, VERMONT),
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TOURIST AND RECREATION POTENTIAL: MONROE COUNTY, OHIO,
PB-170 235 5C U 41 15 HC$ 3.00 MF$ 0.75

TOURIST AND RECREATION POTENTIAL: PINE RIDGE INDIAN RESERVATION AREA, SOUTH DAKOTA (BENNETT, SHANNON, AND WASHABAUGH COUNTIES, INCLUDING THE NON-MONUMENT SECTION OF THE BADLANDS - AERIAL GUNNERY RANGE),
PB-170 238 5C U 41 15 HC$ 3.00 MF$ 0.75

TOURIST AND RECREATION POTENTIAL: SOUTHERN AND EASTERN SOUTH CAROLINA (26 COUNTIES),
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PB-170 259 5C U 41 15 HC$ 4.00 MF$ 1.00

BUREAU OF OUTDOOR RECREATION, WASHINTON, D. C.
TOURIST AND RECREATION POTENTIAL: LAFAYETTE AND SUWANNE COUNTIES, SUWANNE RIVER AREA, FLORIDA,
PB-170 233 5C U 41 15 HC$ 4.00 MF$ 0.75

BUREAU OF PUBLIC ROADS, WASHINGTON, D. C. OFFICE OF RESEARCH AND DEVELOPMENT.
AERIAL PHOTOGRAPHY IN THE UNIFIED INFORMATION SYSTEM,
PB-169 495 13B U 41 15 HC$ 1.00 MF$ 0.50

BUREAU OF SHIPS, WASHINGTON, D. C.
HYDRAULIC AUTOMATION SYSTEMS,
AD-634 397 13G T 66 15 HC$ 4.00 MF$ 0.75

BUREAU OF YARDS AND DOCKS, WASHINGTON, D. C.
SHEET METAL, STRUCTURAL IRON AND WELDING HANDBOOK. ENGINEERED PERFORMANCE STANDARDS PUBLIC WORKS MAINTENANCE.
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ABSORPTION OF SOUND NEAR THE CRITICAL POINT OF THE NITROBENZENE-ISO-OCTANE SYSTEM,
AD-634 578 7D T 66 15

CALIFORNIA INST. OF TECH., PASADENA. DIV. OF ENGINEERING AND APPLIED SCIENCE.
THE EFFECT OF COUPLE-STRESSES ON THE STRESS CONCENTRATION AROUND A CRACK.
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ECHOES FROM HOLLOW ALUMINUM SPHERES IN WATER,
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CALIFORNIA RESEARCH CORP., RICHMOND.
AN EVALUATION OF FUEL CELL SYSTEMS FOR MILITARY VEHICLE PROPULSION AND PORTABLE ELECTRIC POWER GENERATION. PART I.
AD-456 739 10B U 41 15 HC$ 5.00

CALIFORNIA STATE COLL., LOS ANGELES. DEPT. OF MICROBIOLOGY.
ISOLATION OF A LOW MOLECULAR WEIGHT SIALIDASE (NEURAMINIDASE) FROM INFLUENZA VIRUS,
AD-634 549 6A T 66 15

CALIFORNIA STATE DEPT. OF PUBLIC HEALTH, BERKELEY. VIRAL AND RICKETTSIAL DISEASE LAB.
STANDARDIZATION OF PICORNAVIRUS IMMUNE SERA.
PB-170 680 6M U 41 15 HC$ 1.00 MF$ 0.50

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A HIGH-SPEED LARGE-CAPACITY DICTIONARY SYSTEM.
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EXPERIMENTAL INVESTIGATION OF THE INITIATION OF DETONATION BEHIND A REFLECTED SHOCK WAVE.
AD-634 288 20D T 66 15 HC$ 2.00 MF$ 0.50

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SURFACE CONDITIONS OF THE ORGUEIL METEORITE PARENT BODY AS INDICATED BY MINERAL ASSOCIATIONS,
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HAZARDS CONTROL QUARTERLY REPORT NO. 22, JULY-SEPTEMBER 1965.
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UCRL-14660 21E U 41 15 HC$ 3.00 MF$ 0.75

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TESTING LEUKOCYTE ANTISERA ON LYMPHOCYTES OF KIDNEY TRANSPLANT PATIENTS AND DONORS, REDIRECTED TO: PRODUCTION OF GROUPED LEUKOCYTE TYPING SERA.
PB-170 671 6E U 41 15 HC$ 1.00 MF$ 0.50

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GLASS TRANSITION IN POLYMERS,
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STUDIES IN LEUKOCYTE TYPING.
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EXPERIMENTAL STUDIES IN ULTRAVIOLET SOLID STATE SPECTROSCOPY.
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THE RADIATION POLYMERIZATION OF CRYSTALLINE TRITHIANE,
CONF-671-37 7E U 41 15 HC$ 1.00 MF$ 0.50

CANDEUB, CABOT AND ASSOCIATES, SCRANTON, PA.
DEVELOPMENT PLAN FOR MAUCH CHUNK CREEK WATERSHED AREA, CARBON COUNTY, PA.
PB-170 251 5C U 41 15 HC$ 4.00 MF$ 0.75

CARNEGIE INST. OF TECH., PITTSBURGH, PA. GRADUATE SCHOOL OF INDUSTRIAL ADMINISTRATION.
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CARNEGIE INST. OF TECH., PITTSBURGH, PA. GRADUATE SCHOOL OF INDUSTRIAL ADMINISTRATION.
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CASE INST. OF TECH., CLEVELAND, OHIO. DEPT. OF METALLURGY.
CONTROL OF CAST GRAIN SIZE OF STEEL CASTINGS; EFFECT OF GRAIN REFINEMENT ON PROPERTIES.
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EFFECTS OF HYDROSTATIC PRESSURE ON THE MECHANICAL BEHAVIOR OF BODY CENTERED CUBIC REFRACTORY METALS AND ALLOYS.
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TRANSDUCER AND INTERPHONE SYSTEM FOR OPERATION IN HIGH-AMBIENT NOISE.
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CENTRO INFORMAZIONI STUDI ESPERIENZE, MILAN (ITALY).
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EURAEC-37 13A U 41 15 HC$ 1.00 MF$ 0.50

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APRE-FEASIBILITY STUDY OF POSSIBLE PROJECT FOR RIVER VIEW ESTATES, INC., CALHOUN COUNTY, ILLINOIS.
PB-170 246 5C U 41 15 HC$ 2.00 MF$ 0.50

A PRE-FEASIBILITY STUDY OF PROJECTS PROPOSED BY HIDDEN VALLEY RANCH, INC., CALHOUN COUNTY, ILLINOIS.
PB-170 279 5C U 41 15 HC$ 3.00 MF$ 0.75

CHICAGO UNIV., ILL.
INVESTIGATIONS IN THE FIELD OF RELATED BIOLOGY.
AD-634 283 6D T 66 15 HC$ 1.00 MF$ 0.50

INVESTIGATIONS IN THE FIELD OF RELATIONAL BIOLOGY.
AD-634 294 6D T 66 15 HC$ 1.00 MF$ 0.50

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MESOMETEOROLOGICAL STUDIES.
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CHRYSLER CORP., HUNSTVILLE, ALA. SPACE DIV.
SATURN S-IB STAGE. FINAL STATIC TEST REPORT. STAGE S-IB-1,
N66-16080 22D U 41 15 HC$ 5.00 MF$ 1.00

CHRYSLER CORP., HUNTSVILLE, ALA.
SATURN ANTENNA SYSTEMS, SA-5, VOLUME 3,
N66-16070 9F U 41 15 HC$ 6.00 MF$ 1.50

CHRYSLER CORP., HUNTSVILLE, ALA. SPACE DIV.
SATURN STAGE S-I-8 FINAL STATIC TEST REPORT,
N66-16073 21H U 41 15 HC$ 5.00 MF$ 1.00

CIVIL AEROMEDICAL RESEARCH INST., OKLAHOMA CITY, OKLA.
ANTHROPOMETRY OF AIR TRAFFIC CONTROL TRAINEES,
PB-169 870 6N U 41 15 HC$ 2.60 MF$ 0.50

INTRARENAL HEMODYNAMIC CHANGES FOLLOWING ACUTE PARTIAL RENAL ARTERIAL OCCLUSION,
PB-169 871 6P U 41 15 HC$ 1.10 MF$ 0.50

PROBLEMS IN AIR TRAFFIC MANAGEMENT: VII. JOB AND TRAINING PERFORMANCE OF AIR TRAFFIC CONTROL SPECIALISTS, MEASUREMENT, STRUCTURE, AND PREDICTION,
PB-169 872 5I U 41 15 HC$ 1.60 MF$ 0.50

CLOTHING AND ORGANIC MATERIALS DIV., ARMY NATICK LABS., MASS.
THE MET AND THE CLO. PART I. RESTATEMENT OF THE ORIGINAL DEFINITIONS.
AD-634 271 6P T 66 15 HC$ 1.00 MF$ 0.50

COATING AND CHEMICAL LAB., ABERDEEN PROVING GROUND, MD.
THE USE OF SOFT DETERGENTS IN P-C-436B AND P-C-437 CLEANERS,
AD-438 940 11K U 41 15 HC$ 1.60

DEVELOPMENT OF AN OLIVE DRAB SOLAR HEAT REFLECTING AND LOW VISIBILITY ENAMEL.
AD-473 571 11C U 41 15 HC$ 3.60 MF$ 0.50

ANALYSIS OF PETROLEUM SOLVENTS BY GAS CHROMATOGRAPHY. PART II. DETERMINATION OF AROMATIC SOLVENTS IN PETROLEUM PAINT THINNERS.
AD-634 138 11C T 66 15 HC$ 0.50 MF$ 0.50

TROPICAL EXPOSURE OF FINISHING SYSTEMS FOR FERROUS METALS.
AD-634 156 11C T 66 15 HC$ 2.00 MF$ 0.75

THE ENERGETICS OF SURFACTANT ADSORPTION AT THE AIR-WATER INTERFACE.
AD-634 317 11K T 66 15 HC$ 1.00 MF$ 0.50

COHESIVE ENERGIES IN ORGANIC LIQUIDS,
AD-634 625 7D T 66 15 HC$ 1.00 MF$ 0.50

STORAGE-STABILITY OF P-C-436B AND TT-R-230A, CLASS 2, MATERIAL.
AD-634 776 11K T 66 15 HC$ 1.00 MF$ 0.50

COLD REGIONS RESEARCH AND ENGINEERING LAB., HANOVER, N. H.
PICTORIAL PERFORMANCE STUDY OF CAMP CENTURY (1960-1962).
AD-634 470 13B T 66 15 HC$ 1.60 MF$ 0.50

COLD REGIONS RESEARCH AND DEVELOPMENT SYMPOSIUM, HANOVER, NEW HAMPSHIRE, MARCH 17-18, 1964.
AD-634 471 8L T 66 15 HC$ 5.00 MF$ 1.00

INSTRUCTIONS FOR MAKING AND RECORDING SNOW OBSERVATIONS.
AD-634 472 8L T 66 15 HC$ 2.60 MF$ 0.50

MASSIVE UNDERGROUND ICE IN NORTHERN REGIONS.
AD-634 664 8L T 66 15 HC$ 1.00 MF$ 0.50

COLD REGIONS RESEARCH AND ENGINEERING LAB., HANOVER, PA.
SNOW STUDIES AND OTHER OBSERVATIONS - OPERATION KING DOG, SONDRESTROM, GREENLAND.
AD-634 469 8L T 66 15 HC$ 2.60 MF$ 0.50

COLLINS RADIO CO., DALLAS, TEX.
DESIGN ANALYSIS - UNIFIED S-BAND SYSTEM FOR APOLLO NETWORK, VOLUME 1, PARTS I AND II.
N66-14528 9F U 41 15 HC$ 7.00 MF$ 1.75

DESIGN ANALYSIS - UNIFIED S-BAND SYSTEM FOR APOLLO NETWORK, VOLUME 2, PARTS III, IV, AND V.
N66-14530 9F U 41 15 HC$ 5.00 MF$ 1.00

COLORADO SCHOOL OF MINES RESEARCH FOUNDATION, INC., GOLDEN.
EVALUATION OF LARGE VOLUME DETECTORS AND THEIR APPLICATIONS TO RADIOISOTOPE PROCESS CONTROL.
ALO-1355-1 18D N 20 13 HC$ 6.00 MF$ 1.25

COLUMBIA UNIV., NEW YORK.
I. FURTHER INVESTIGATIONS ON THE STABILIZATION OF AQUEOUS SUSPENSIONS OF THORIUM OXIDE. II. AN ULTRA-HIGH RADIOFREQUENCY SPECTROMETER FOR THE STUDY OF AQUEOUS SOLUTIONS AND SUSPENSIONS.
NYO-10295 18I U 41 15 HC$ 2.00 MF$ 0.50

COMBUSION ENGINEERING, INC., WINDSOR, CONN. PUERTO RICO WATER RESOURCES AUTHORITY, SAN JUAN.
BOILING NUCLEAR SUPERHEATER (BONUS) POWER STATION.
CEND/PRWRA-257 18I U 41 15 HC$ 9.00 MF$ 2.50

COMBUSTION ENGINEERING, INC., WINDSOR, CONN.
BOILING NUCLEAR SUPERHEATER BONUS POWER STATION ABSTRACT OF STARTUP SUMMARY REPORT (CEND/PRWRA-257).
CEND/PRWRA-257A 18I U 41 15 HC$ 2.00 MF$ 0.50

COMMISSARIAT A L'ENERGIE ATOMIQUE, CHUSCLAN (FRANCE). CENTRE DE PRODUCTION DE PLUTONIUM DE MARCOULE.
REACTEURS G 2/G-3 - PUISSANCE RESIDUELLE DES ELEMENTS COMBUSTIBLES (REACTORS G 2/G 3-RESIDUAL POWER OF THE FUEL ELEMENTS),
PB-170 558 18J U 41 15 HC$ 2.60 MF$ 0.50

COMMISSARIAT A L'ENERGIE ATOMIQUE, FONTENAYAUX-ROSES (FRANCE). CENTRE D'ETUDES NUCLEAIRES.
MESURE DE L'INTENSITE TOTALE D'IONISATION AU VOISINAGE DU SOL ET SEPARATION DES DIFFERENTES COMPOSANTES (MEASUREMENT OF THE TOTAL IONIZATION INTENSITY NEAR THE GROUND AND SEPARATION OF THE VARIOUS COMPONENTS).
PB-169 889 20H U 41 15 HC$ 5.60 MF$ 0.50

COMMISSARIAT A L'ENERGIE ATOMIQUE, FONTENAY-AUX-ROSES (FRANCE). CENTRE D'ETUDES NUCLEAIRES.
REACTION AVEC L'AZOTE DES CARBURES D'URANIUM ET DE PLUTONIUM (REACTION OF URANIUM AND PLUTONIUM CARBIDES WITH NITROGEN),
PB-169 891 7E U 41 15 HC$ 3.60 MF$ 0.50

COMMISSARIAT A L'ENERGIE ATOMIQUE, PIERRELATTE (FRANCE). CENTRE DE PIERRELATTE.
ESSAIS TOXICOLOGIQUES DE PRODUITS CHIMIQUES SUR DES POISSONS D'EAU DOUCE (CHEMICAL PRODUCTS TOXICOLOGICAL TESTS PERFORMED ON LAKE AND RIVER FISH),
PB-169 893 6F U 41 15 HC$ 4.60 MF$ 0.50

COMMISSARIAT A L'ENERGIE ATOMIQUE, SACLAY (FRANCE). CENTRE D'ETUDES NUCLEAIRES.
MESURES DU COEFFICIENT DE DIFFUSION RADIAL DANS AQUILON II PAR L'ETUDE DE LA DISTORSION DE LA STRUCTURE FINE (MEASUREMENT OF THE RADIAL DIFFUSION CONSTANT AT AQUILON II BY MEANS OF THE STUDY OF THE DISTORTION OF THE FINE STRUCTURE),
PB-169 359 18K U 41 15 HC$ 3.60 MF$ 0.50

LA CONSTRUCTION DE L'ANNEAU DE STOCKAGE ACO D'ORSAY. I: ETAT DES TRAVAUX. II: SYSTEMES DE DETECTION (CONSTRUCTION OF THE ORSAY ACO STORAGE RING. I: PROGRESS REPORT. II: DETECTING SYSTEMS),
PB-169 888 20G U 41 15 HC$ 1.60 MF$ 0.50

TRAITEMENT DES INFORMATIONS ISSUES D'UN SPECTROMETRE (PROCESSING OF DATA ISSUED FROM GAMMA SPECTROMETER),
PB-169 890 18D U 41 15 HC$ 5.60 MF$ 0.50

INSTALLATION DE CHIMIE ANALYTIQUE SOUS RAYONNEMENT (INSTALLATION FOR ANALYTIC CHEMISTRY UNDER IRRADIATION),
PB-170 541 7E U 41 15 HC$12.60 MF$ 0.75

COMMISSARIAT A L'ENERGIE, ATOMIQUE SACLAY (FRANCE). CENTRE D'ETUDES NUCLEAIRES.
JANVIER: PROGRAMME DE RESOLUTION SUR IBM 7094 DES PROBLEMES DE CELLULES EN GEOMETRIE PLANE, SPHERIQUE ET CYLINDRIQUE DANS L'APPROXIMATION DOUBLE PN. (JANUARY: IBM 709 4PROGRAMME FOR THE RESOLUTION OF CELL PROBLEMS IN PLANAR, SPHERICAL AND CYLINDRICAL GEOMETRY USING THE DOUBLE PN APPROXIMATION),
PB-169 352 9B U 41 15 HC$ 2.60 MF$ 0.50

COMMUNICABLE DISEASE CENTER, ATLANTA, GA. VIRAL REAGENTS UNIT.
PRODUCTION OF BWAMBA VIRUS REAGENTS.
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COMMUNITY PLANNING SERVICES, INC., MONROEVILLE, PA.
A CONSERVATION EDUCATION AREA, PRINCE GALLITZIN STATE PARK, CAMBRIA COUNTY, PENNSYLVANIA.
PB-170 052 5C U 41 15 HC$ 1.00 MF$ 0.50

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UTILIZING A COLLEGE'S RESOURCES TO PROVIDE TECHNICAL ASSISTANCE TO SMALL BUSINESS IN SOUTHERN WEST VIRGINIA.
PB-170 316 5C U 41 15 HC$ 3.00 MF$ 0.50

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POPULATION DISTRIBUTIONS DURING VIBRATIONAL RELAXATION OF DIATOMIC GASES,
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OPTIMAL SEQUENTIAL PLANS BASED ON PRIOR DISTRIBUTIONS AND COSTS.
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CORNELL UNIV., ITHACA, N. Y. LAB. OF ATOMIC AND SOLID STATE PHYSICS.
DETERMINATION OF KAPPA-1(T) AND KAPPA-2(T) FOR TYPE TWO SUPERCONDUCTORS WITH ARBITRARY IMPURITY CONCENTRATION.
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AD-634 130 9A T 66 15 HC$ 6.00 MF$ 1.50

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FILLING GAPS IN THE EXISTING TECHNOLOGY AND RESEARCH UNDER WAY ON CUYUNA RANGE ORES.
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LONGITUDINAL AERODYNAMIC CHARACTERISTICS OF SEVERAL HYPERSONIC AIRCRAFT CONFIGURATIONS AT A MACH NUMBER OF 6.26.
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EFFECT OF FOREBODY MODIFICATIONS ON THE AERODYNAMIC CHARACTERISTICS OF A SIMULATED AIRCRAFT STORE AT MACH NUMBERS FROM 0.50 TO 1.17.
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AD-289 897 9A U 41 15 HC$ 4.60

AD-289 898 9A U 41 15 HC$ 2.60

AD-289 899 9A U 41 15 HC$ 2.60

GENERAL ELECTRIC CO., SYRACUSE, N. Y. ELECTRONICS LAB.
FIELD EFFECT TRIODES AND SPACE CHARGE LIMITED TRIODES.
AD-294 301 9A U 41 15 HC$ 9.60

AD-409 102 9A U 41 15 HC$ 7.60

GENERAL ELECTRIC CO., WEST LYNN, MASS. DIRECT ENERGY CONVERSION OPERATION.
RESEARCH AND DEVELOPMENT OF MATERIALS AND FABRICATION TECHNIQUES FOR THERMOELECTRIC POWER GENERATION.

AD-634 477 10B T 66 15 HC$ 5.60 MF$ 0.50

GENERAL MILLS INC., MINNEAPOLIS, MINN.
TROPICAL UPPER AIR STUDIES.
AD-290 821 4B U 41 15 HC$ 3.60

AD-297 797 4B U 41 15 HC$ 2.60

GEORGE WASHINGTON UNIV., WASHINGTON, D. C. LOGISTICS RESEARCH PROJECT.
AN APPRAISAL OF INPUT-OUTPUT ANALYSIS BASED ON A DOCUMENTATION OF THE INTERINDUSTRY RELATIONS STUDY FOR 1947.
AD-634 236 5C T 66 15 HC$ 6.00 MF$ 1.50

GEORGETOWN UNIV., WASHINGTON, D. C.
GEORGETOWN AUTOMATIC TRANSLATION. GENERAL INFORMATION AND OPERATION MANUAL,
PB-169 626 5G U 41 15 HC$ 6.60 MF$ 0.75

LOCI OF AGREEMENT AND GOVERNMENT STRUCTURES IN SLAVIC,
PB-169 694 5G U 41 15 HC$ 1.60 MF$ 0.50

GEORGETOWN UNIV., WASHINGTON, D. C. INST. OF LANGUAGES AND LINGUISTICS.
MORPHOLOGICAL ABSTRACTION OF ADJECTIVALS IN CZECH,
PB-169 695 5G U 41 15 HC$ 2.60 MF$ 0.50

GEORGIA INST. OF TECH., ATLANTA. ENGINEERING EXPERIMENT STATION.
RADIO FREQUENCY COMPATIBILITY (RFC) ACCESSORY EQUIPMENT SET.
AD-436 042 14B U 41 15 HC$ 3.00

GM DEFENSE RESEARCH LABS., SANTA BARBARA, CALIF. AEROSPACE OPERATIONS DEPT.
INSTRUMENTATION, CALIBRATION, AND DATA REDUCTION METHODS.
AD-294 869 14B U 41 15 HC$ 4.00

GREATER MARSHALL INDUSTRIES, TEX.
PROPOSAL FOR A FEASIBILITY STUDY PILOT PROJECT GRANT TO HARVEST AND PROCESS AQUATIC PLANTS FROM CADDO LAKE,
PB-170 332 5C U 41 15 HC$ 3.00 MF$ 0.75

GREENACRES, INC., SEATTLE, WASH.
FOREST INVENTORY: ISLETA PUEBLO FOREST LANDS, NEW MEXICO.
PB-170 273 5C U 41 15 HC$ 3.00 MF$ 0.75

FOREST INVENTORY: JEMEZ PUEBLO FOREST LANDS NEW MEXICO,
PB-170 274 5C U 41 15 HC$ 3.00 MF$ 0.75

HAMILTON STANDARD DIV., UNITED AIRCRAFT CORP., WINDSOR LOCKS, CONN.
THERMAL STRESS AND TRANSIENT BEHAVIOR AND THERMAL FATIGUE CRITERIA OF MARINE RECUPERATORS.
AD-634 601 13A T 66 15 HC$ 1.00 MF$ 0.50

HAMMER AND CO. ASSOCIATES, WASHINGTON, D. C.
ECONOMIC FEASIBILITY OF LAKEWOOD VILLAGE. A PROPOSED RESORT IN HUMPHREYS COUNTY, TENNESSEE.
PB-170 339 5C U 41 15 HC$ 3.00 MF$ 0.75

HANFORD ATOMIC PRODUCTS OPERATION, RICHLAND.
CERAMIC CELLS AND ACCESSORIES FOR ELECTROWINNING AND ELECTROREFINING OF PLUTONIUM METAL,
RL-SEP-824 18J N 20 12 HC$ 2.00 MF$ 0.50

HARRY DIAMOND LABS., WASHINGTON, D. C.
HIGH-CURRENT PULSE GENERATOR FOR GALLIUM ARSENIDE LASER,
AD-634 507 20E T 66 15 HC$ 1.00 MF$ 0.50

USE OF IONIZATION AND THIN-FILM PROBES TO LOCATE SHOCK FRONTS IN A PRESSURE-DRIVEN SHOCK TUBE,
AD-634 509 14B T 66 15 HC$ 1.00 MF$ 0.50

WAVEGUIDE ANALOG OF TUNNELING THROUGH QUANTUM POTENTIAL BARRIERS,
AD-634 667 20J T 66 15 HC$ 1.00 MF$ 0.50

HARVARD UNIV., CAMBRIDGE, MASS. DIV. OF ENGINEERING AND APPLIED PHYSICS.
TEMPERATURE DISTRIBUTION IN A POISEUILLE PLASMA ARC,
PB-169 897 20I U 41 15 HC$ 4.60 MF$ 0.50

HARVARD UNIV., CAMBRIDGE, MASS. LAB. OF PSYCHOPHYSICS.
PROGRESS REPORT 45, 1 JULY-31 DECEMBER 1965.
PB-169 179 5J U 41 15 HC$ 1.00 MF$ 0.50

HARVARD UNIV., CAMBRIDGE. DIV. OF ENGINEERING AND APPLIED SCIENCES.
SEMIANNUAL PROGRESS REPORT NO. 71.
AD-634 148 5A T 66 15 HC$ 3.00 MF$ 0.75

HAWAII INST. OF GEOPHYSICS, HONOLULU.
A COMPARISON OF SOME MACHINE-PRODUCED INDEXES.
PB-170 738 5B U 41 15 HC$ 2.00 MF$ 0.50

HAWAII UNIV., HONOLULU. COLL. OF TROPICAL AGRICULTURE.
DOSIMETRY, TOLERANCE, AND SHELF LIFE EXTENSION RELATED TO DISINFESTATION OF FRUIT AND VEGETABLES BY GAMMA IRRADIATION.
UH-235P5-1 18B U 41 15 HC$ 3.00 MF$ 0.75

HEALTH AND SAFETY LAB., NEW YORK OPERATIONS OFFICE (AEC), N. Y.
FALLOUT PROGRAM.
HASL-165 18H U 41 15 HC$ 7.00 MF$ 1.75

HEIDELBERG UNIV. (WEST GERMANY). ANORGANISCH-CHEMISCHES INST.
NITROGEN-PHOSPHOROUS POLYMERS.
AD-634 363 7B T 66 15 HC$ 2.00 MF$ 0.50

HIGH ENERGY PHYSICS LAB., STANFORD UNIV., CALIF.
A TEST OF THE ELECTRON PROPAGATOR BY MODIFICATION OF THE PRINCETON-STANFORD STORAGE RINGS,
AD-634 717 20G T 66 15 HC$ 2.00 MF$ 0.50

HIGH-ENERGY PHYSICS LAB., STANFORD UNIV., CALIF.
NEUTRON FORM FACTORS FROM INELASTIC ELECTRON SCATTERING IN TRITIUM AND HELIUM - 3,
AD-634 756 20H T 66 15 HC$ 1.00 MF$ 0.50

HITTMAN ASSOCIATES, INC., BALTIMORE, MD.
THE DEVELOPMENT OF A DYNAMIC THREE-DIMENSIONAL ATMOSPHERIC MODEL FOR USE IN THE STUDY OF THE SELECTIVITY OF ORBITAL DECAY (TASK III),
SC-DC-65-1701 4A U 41 15 HC$ 3.00 MF$ 0.75

HOFSTRA UNIV., HEMPSTEAD, N. Y.
PRACTICE EFFECTS, KNOWLEDGE OF RESULTS AND TRANSFER IN PITCH DISCRIMINATION.
AD-634 221 5I T 66 15 HC$ 2.00 MF$ 0.50

HONEYWELL RESEARCH CENTER, HOPKINS, MINN.
THIN FILM IMAGE CONVERTER.
AD-435 788 9A U 41 15 HC$ 6.60

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AD-634 733 11B T 66 15 HC$ 3.00 MF$ 0.75

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STUDY OF FACTORS INFLUENCING OXIDATION WHICH OCCUR IN IRRADIATED FATS. EFFECT OF HIGH ENERGY IRRADIATION ON THE STABILITY OF FATS.
PB-169 982 6H U 41 15 HC$ 1.10

HOWARD RESEARCH CO., ARLINGTON, VA.
EDIS TASK I REPORT, WORK UNIT 1.2, CATEGORIZATION OF AVAILABLE DATA AND INFORMATION.
AD-634 321 5B T 66 15 HC$ 8.90 MF$ 2.50

EDIS TASK I REPORT, WORK UNIT 1.3, IDENTIFICATION OF USER NEEDS.
AD-634 322 5B T 66 15 HC$ 4.00 MF$ 0.75

EDIS TASK I REPORT, WORK UNIT 1.4: IDENTIFICATION OF DISCIPLINES AND FIELDS.
AD-634 323 5B T 66 15 HC$ 4.00 MF$ 0.75

EDIS TASK I, WORK UNIT 1.9: CATEGORIZATION OF EXISTENT DATA SYSTEMS.
AD-634 324 5B T 66 15 HC$ 7.00 MF$ 1.75

HP ASSOCIATES, PALO ALTO, CALIF.
INVESTIGATION OF HOT ELECTRON EMITTER.
AD-447 260 9A U 41 15 HC$ 2.60

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PRELIMINARY DESIGN OF A GEOLOGIC SAMPLE ACQUISITION AND TRANSPORT DEVICE.
N66-15825 13I U 41 15 HC$ 6.00 MF$ 1.25

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DEVELOPMENT OF A ROCKET-BLAST SIMULATOR: DESIGN AND TEST,
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CONTROL-CAB DESIGN FOR ML-1A NUCLEAR POWER PLANT: HUMAN ENGINEERING CONSIDERATIONS.
AD-634 455 18L T 66 15 HC$ 3.00 MF$ 0.75

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AD-634 456 6J T 66 15 HC$ 2.00 MF$ 0.50

NOISE LOCALIZATION AFTER UNILATERAL ATTENUATION.
AD-634 457 6J T 66 15 HC$ 1.00 MF$ 0.50

SOME STUDIES OF TEMPORARY HEARING LOSSES RESULTING FROM REPEATED EXPOSURE TO GUNFIRE NOISE,
AD-634 690 6U T 66 15 HC$ 1.00 MF$ 0.50

HUMAN RESOURCES RESEARCH OFFICE, GEORGE WASHINGTON UNIV., ALEXANDRIA, VA.
A PROGRAM OF LEADERSHIP INSTRUCTION FOR JUNIOR OFFICERS.
AD-409 096 5I U 41 15 HC$ 5.60

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AD-477 645 19F U 41 15 HC$ 2.60 MF$ 0.50

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AD-477 647 5I U 41 15 HC$ 2.60 MF$ 0.50

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AD-634 213 5H T 66 15 HC$ 1.00 MF$ 0.50

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AD-634 301 5I T 66 15 HC$ 2.00 MF$ 0.50

PROCEDURES FOR DERIVING TRAINING OBJECTIVES FOR JUNIOR OFFICERS.
AD-634 510 5I T 66 15 HC$ 6.00 MF$ 1.25

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AD-634 513 5I T 66 15 HC$12.60 MF$ 1.00

IBM FEDERAL SYSTEMS DIV., ROCKVILLE, MD.
AUTOMATIC ALTERNATE ROUTING STUDY.
AD-634 281 17B T 66 15 HC$ 3.00 MF$ 0.50

IDAHO OPERATIONS OFFICE (AEC), IDAHO FALLS. HEALTH AND SAFETY DIV.

CONTROLLED ENVIRONMENTAL RADIOIODINE TESTS AT THE NATIONAL REACTOR TESTING STATION, 1965 PROGRESS REPORT.
IDO-12047 18H U 41 15 HC$ 2.00 MF$ 0.50

IIT RESEARCH INST., CHICAGO, ILL.
STUDIES OF REACTOR CONTAINMENT STRUCTURES.
IITRI-578P22-14 18I U 41 15 HC$ 7.00 MF$ 1.50

IIT RESEARCH INST., CHICAGO, ILL. TECHNOLOGY CENTER.
RESEARCH ON CHEMISTRY OF O3F2 AND O2F2.
AD-634 440 7B T 66 15 HC$ 3.00 MF$ 0.50

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INVESTIGATION OF THE QUANTITATIVE DETERMINATION OF POINT AND AREAL PRECIPITATION BY RADAR ECHO MEASUREMENTS.
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AIR BLAST EFFECTS ON UNDERGROUND STRUCTURES,
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PB-170 422 5G U 41 15 HC$ 1.10 MF$ 0.50

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AD-634 366 12B T 66 15 HC$ 3.00 MF$ 0.75

NONLINEAR PROGRAMMING AND MULTIPARAMETER SENSITIVITY IN LINEAR TIME-INVARIANT NETWORKS,
AD-634 367 12B T 66 15 HC$ 3.00 MF$ 0.75

AN EVALUATION OF A BAKEOUT PROCEDURE FOR SMALL GLASS ULTRAHIGH VACUUM SYSTEMS,
AD-634 592 14B T 66 15 HC$ 1.00 MF$ 0.50

A DESCRIPTIVE LIST OF PLATO PROGRAMS,
AD-634 593 9B T 66 15 HC$ 1.00 MF$ 0.50

PUMPING SPEED OF GETTER-ION PUMPS AT LOW PRESSURES,
AD-634 594 13K T 66 15 HC$ 1.00 MF$ 0.50

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THE ANALYSIS OF SHALLOW SHELL STRUCTURES BY A DISCRETE ELEMENT SYSTEM.
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SPIN EFFECTS ON TRIANGLE GRAPHS,
AD-634 339 20J T 66 15 HC$ 1.00 MF$ 0.50

A 'SIGMA PI PI' MASS ENHANCEMENT AND A NEARBY TRIANGLE SINGULARITY,
AD-634 340 20J T 66 15 HC$ 1.00 MF$ 0.50

OBSERVATION OF THE TWO-PHOTON DECAY OF THE NEUTRAL-K2 MESON,
AD-634 721 20H T 66 15 HC$ 1.00 MF$ 0.50

THE REACTION K MINUS + P TO K + PI + N AT 1.34 BEV/C,
TID-20444 20H U 41 15 HC$ 1.00 MF$ 0.50

ILLINOIS UNIV., URBANA. ELECTRICAL ENGINEERING RESEARCH LAB.
IONOSPHERIC RESEARCH.
AD-634 729 4A T 66 15 HC$ 3.00 MF$ 0.75

ILLINOIS UNIV., URBANA. MATERIALS RESEARCH LAB.
ENERGY LEVELS AND NEGATIVE PHOTOCONDUCTIVITY IN COBALT-DOPED SILICON,
AD-634 579 20L T 66 15

INNSBRUCK UNIV. (AUSTRIA). INST. FOR THEORETICAL PHYSICS.
MAGNETOHYDRODYNAMIC PROPULSION,
AD-634 253 20I T 66 15 HC$ 2.00 MF$ 0.50

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ABSTRACTING AND INDEXING IN THE MEDICAL SCIENCES,
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THERMAL EFFECTS OF NUCLEAR WEAPONS. LITERATURE SUMMARIES.
AD-634 294 15F T 66 15 HC$ 7.00 MF$ 1.50

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OHIO: PROVIDING PRACTICAL ASSISTANCE IN COMPREHENSIVE ECONOMIC DEVELOPMENT.
PB-170 337 5C U 41 15 HC$ 3.00 MF$ 0.50

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KINETICS AND MECHANISM OF THERMAL DISINTEGRATION OF LOW-MOLECULAR ALKYL AZIDES,
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AD-634 516 20C T 66 15 HC$ 1.00 MF$ 0.50

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NEW FULMINATES AND AZIDES,
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AD-479 639 7A U 41 15 HC$ 1.60 MF$ 0.50

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BIGG-II. A MULTIGROUP NEUTRON SPECTRUM AND CRITICALITY CODE,
PB-169 460 18K U 41 15 HC$ 3.00 MF$ 0.75

INSTITUTT FOR ATOMENERGI, KJELLER (NORWAY).
DATAPREP-II. A REACTOR LATTICE HOMOGENEIZATION AND BIGG-II DATA PREPARATION COMPUTER CODE,
PB-169 881 18K U 41 15 HC$ 7.60 MF$ 0.75

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GEOID REPRESENTATION FROM SATELLITE-DETERMINED COEFFICIENTS.
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AN INVESTIGATION OF THE TECHNIQUES AND CONCEPTS OF INFORMATION RETRIEVAL.
AD-413 620 5B U 41 15 HC$11.60

INTER-RANGE INSTRUMENTATION GROUP, WHITE SANDS MISSILE RANGE, N. MEX.
METEOROLOGICAL ROCKET NETWORK FIRINGS. SEPTEMBER 1965 FIRINGS.
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FORT GREELY MISSILE RANGE REFERENCE ATMOSPHERE. PART I.
AD-634 726 4B T 66 15 HC$ 3.00 MF$ 0.75

FORT CHURCHILL MISSILE RANGE REFERENCE ATMOSPHERE FOR FORT CHURCHILL, CANADA. PART I.
AD-634 727 4B T 66 15 HC$ 3.00 MF$ 0.75

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NEGATIVE ION DETECTION IN THE IONOSPHERE FROM EFFECTS ON ELF WAVES.
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THE TEMPORAL VARIATIONS OF ELECTRON INTENSITIES AT LOW ALTITUDES IN THE OUTER RADIATION ZONE AS OBSERVED WITH SATELLITE INJUN 3.
AD-634 359 4A T 66 15 HC$ 3.00 MF$ 0.75

DETERMINATION OF HYDROGEN ION CONCENTRATION, ELECTRON DENSITY AND PROTON GYROFREQUENCY FROM THE DISPERSION OF PROTON WHISTLERS,
N66-14552 20H U 41 15 HC$ 2.00 MF$ 0.50

ISOTOPES, INC., WESTWOOD, N. J.
FLIGHT DATA AND RESULTS OF RADIOCHEMICAL ANALYSES OF FILTER SAMPLES COLLECTED DURING 1963. APPENDIX TO PROGRESS REPORT NO. 11 ON PROJECT STARDUST,
HASL-168 7E U 41 15 HC$ 6.00 MF$ 1.25

FLIGHT DATA AND RESULTS OF RADIOCHEMICAL ANALYSES OF FILTER SAMPLES COLLECTED DURING 1964. PROGRESS REPORT NO. 12 ON PROJECT STARDUST,
HASL-169 7E U 41 15 HC$ 4.00 MF$ 1.00

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MASS TRANSFER IN ANNULAR, TWO-PHASE FLOW.
PB-170 406 20D U 41 15 HC$17.80 MF$ 1.00

JET PROPULSION LAB., CALIF. INST. OF TECH., PASADENA.
STIFFNESS MATRIX STRUCTURAL ANALYSIS,
N66-14576 20K U 41 15 HC$ 3.00 MF$ 0.50

JOHNS HOPKINS UNIV., SILVER SPRING, MD. APPLIED PHYSICS LAB.
USE OF OPTICALLY PUMPED RUBIDIUM VAPOR FREQUENCY STANDARD AS MASTER OSCILLATOR IN SATELLITE TRACKING STATIONS,
AD-424 483 22C U 41 15 HC$ 7.60

THERMAL DEGRADATION OF AN AROMATIC POLYPYROMELLITIMIDE IN AIR AND VACUUM: I. RATES AND ACTIVATION ENERGIES,
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STRUCTURAL DESIGN ANALYSIS AND TESTING OF THE GEOS SATELLITE.
AD-476 286 22B U 41 15 HC$ 5.00 MF$ 1.00

PROPULSION RESEARCH LABORATORY SUMMARY REPORT FOR FY 1965.
AD-478 166 14B U 41 15 HC$ 3.00 MF$ 0.75

ON THE DYNAMICS OF A SATELLITE STABILIZED BY WIRES.
AD-479 217 22B U 41 15 HC$ 2.00 MF$ 0.50

CONSIDERATION OF THE SPLITTING OF THE METASTABLE LEVEL OF A THREE-LEVEL QUANTUM GENERATOR,
AD-634 231 20E T 66 15 HC$ 1.00 MF$ 0.50

HEAT TRANSFER IN THE CASE OF TURBULENT MOTION OF A FLUID IN

AN ANNULAR DUCT,
AD-634 232 20M T 66 15 HC$ 1.00 MF$ 0.50

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AD-634 245 20E T 66 15 HC$ 1.00 MF$ 0.50

THEORY OF A CIRCULAR DIELECTRIC RESONATOR. II,
AD-634 246 20E T 66 15 HC$ 1.00 MF$ 0.50

THE RADIATION POWER OF GAS OPTICAL QUANTUM GENERATORS (LASERS) WITH PLANE MIRRORS AS A FUNCTION OF THE MIRROR MISALIGNMENT ANGLE,
AD-634 247 20E T 66 15 HC$ 1.00 MF$ 0.50

THEORY OF A CIRCULAR DIELECTRIC RESONATOR. I,
AD-634 248 20E T 66 15 HC$ 1.00 MF$ 0.50

FINAL STATIC AND DYNAMIC TESTS OF THE FLUID MAGNETIC SPRING AND LOCKOUT DEVICE FOR POLARIS LAUNCH TUBES,
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PB-169 988 21D U 41 15 HC$13.60

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INVESTIGATION INTO THE RETRIEVAL INDEXING AND SEARCHING SYSTEM.
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ENGINEERING FEASIBILITY AND ECONOMIC STUDY FOR DUAL-PURPOSE ELECTRIC POWER-WATER DESALTING PLANT FOR ISRAEL.
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A STUDY OF TWIN-ENGINE AIRPLANE PROPELLER INTERCONNECTION.
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KANSAS UNIV., KANSAS CITY. MEDICAL CENTER.
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PB-170 684 6M U 41 15 HC$ 1.00 MF$ 0.50

KAUFMANN (ARTHUR C.) AND ASSOCIATES, INC., PHILADELPHIA, PA.
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SYNTHESE ET LIBERATION D'ACTH A LA SUITE D'UNE AGRESSION AIGUE CHEZ LE RAT SURRENALECTOMISE (ACTH RELEASE AND SYNTHESIS IN THE ACUTELY STRESSED ADRENALECTOMIZED RAT),
AD-634 555 6P T 66 15

LAWRENCE RADIATION LAB., UNIV. OF CALIFORNIA, LIVERMORE.
PRODUCTION OF METASTABLE ATOMS BY ELECTRON IMPACT.
UCRL-14450 20H U 41 15 HC$ 2.00 MF$ 0.50

LAWRENCE RADIATION LAB., UNIV. OF CALIFORNIA, BERKELEY.
REFINEMENT OF THE CRYSTAL STRUCTURE OF MERCURIC SULFATE MONHYDRATE.
UCRL-10969 18J U 41 15 HC$ 1.00 MF$ 0.50

TENSION WIRE SUPPORT STRUCTURES.
UCRL-13160 14B U 41 15 HC$ 3.00

TENSION WIRE SUPPORT STRUCTURES. A PARAMETRIC STUDY OF TENSION WIRE SUPPORT FOR INSTRUMENTATION.
UCRL-13160 14B U 41 15 HC$ 3.00 MF$ 0.75

A MEASUREMENT OF THE ANOMALOUS GYROMAGNETIC RATIO OF THE MUON,
UCRL-16469 20H N 20 12 HC$ 6.00 MF$ 0.75

A METHOD OF MAKING THIN-WINDOW GERMANIUM DETECTORS,
UCRL-16480 18D U 41 15 HC$ 1.00 MF$ 0.50

QUANTUM CONVERSION IN PHOTOSYNTHESIS ELECTRON PARAMAGNETIC RESONANCE INVESTIGATIONS,
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PHYSICS DIVISION SEMIANNUAL REPORT, MAY-OCTOBER 1965.
UCRL-16511 18D U 41 15 HC$ 3.00 MF$ 0.75

VAPOR PRESSURE OF LEAD AND ACTIVITY MEASUREMENTS ON LIQUID LEAD-TIN ALLOYS BY THE TORSION EFFUSION METHOD.
UCRL-16514 7D U 41 15 HC$ 2.00 MF$ 0.50

BEVATRON OPERATION AND DEVELOPMENT. 46. APRIL-JUNE 1965,
UCRL-16553 20G N 20 12 HC$ 1.00 MF$ 0.50

NUCLEAR CHEMISTRY DIVISION ANNUAL REPORT, 1965,
UCRL-16580 18- N 20 13 HC$ 6.00 MF$ 1.50

BIOLOGY AND MEDICINE SEMIANNUAL REPORT, FALL 1965,
UCRL-16613 6R U 41 15 HC$ 4.00 MF$ 0.75

LAWRENCE RADIATION LAB., UNIV. OF CALIFORNIA, LIVERMORE.
CONTROLLED THERMO-NUCLEAR RESEARCH.
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THE SALMON SEISMIC EXPERIMENT,
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A NOTE ON PARALLELISM,
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THE EFFECT OF STRAIN RATE ON MECHANICAL PROPERTIES OF SOME WIDELY USED ENGINEERING METALS,
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UCRL-14697 20G N 20 12 HC$ 1.00 MF$ 0.50

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UCRL-14702 18H N 20 13 HC$ 1.00 MF$ 0.50

PHYSICAL AND MECHANICAL PROPERTIES OF U-7.5 W/O MB-2.5 W/O ZR ALLOY,
UCRL-14724 18J N 20 12 HC$ 1.00 MF$ 0.50

THE FLOSS IV COMPATIBLE PROGRAMS, INCLUDING PROCEDURES FOR THE REAL GASDYNAMIC, ONE-DIMENSIONAL PERFORMANCE ANALYSES OF NUCLEAR RAMJET AND ROCKET ENGINES,
UCRL-7644 9B U 41 15 HC$ 4.00 MF$ 1.00

LEAR SIEGLER, INC., SANTA MONICA, CALIF.
ARTIFICIAL INTELLIGENCE PROGRAM.
PB-169 603 6D U 41 15 HC$ 1.10 MF$ 0.50

LEHIGH UNIV., BETHLEHEM, PA. DEPT. OF APPLIED MECHANICS.
ON THE WESTERGAARD METHOD OF CRACK ANALYSIS.
AD-634 356 20K T 66 15 HC$ 1.00 MF$ 0.50

THREE-DIMENSIONAL THERMOELASTIC PROBLEMS OF PLANES OF DISCONTINUITIES OR CRACKS IN SOLIDS.
AD-634 357 20K T 66 15 HC$ 2.00 MF$ 0.50

LFE ELECTRONICS, BOSTON, MASS. RESEARCH DIV.
RESEARCH IN FERROMAGNETICS WITH APPLICATIONS TO NEW STORAGE DEVICES.
AD-634 539 9A T 66 15 HC$ 3.00 MF$ 0.75

LINCOLN LAB., MASS. INST. OF TECH., LEXINGTON.
R AND D PROGRAM TO DESIGN AND FABRICATE DIGITAL MONOLITHIC MICROCIRCUITS HAVING AVERAGE PROPAGATION DELAY TIME OF 1 NS.
AD-634 536 9A T 66 15 HC$ 1.00 MF$ 0.50

LINCOLN LAB., MASS. INST. OF TECH., LEXINGTON.
PRELIMINARY STUDY OF THE EFFECT OF OZONE ON ATMOSPHERIC TRANSMISSION IN THE RANGE 0.25 MICRON TO 0.60 MICRON,
AD-402 842 4A U 41 15 HC$ 2.60

THE SURFACE RESISTANCE OF HIGH-CURRENT MICROWAVE DISCHARGES IN ARGON,
AD-403 653 20I U 41 15 HC$ 5.60

THRESHOLDS FOR SEVERAL ANALOG MODULATION SYSTEMS,
AD-404 621 9D U 41 15 HC$ 1.10

SOME RESULTS FOR HIGHER-ORDER VARACTOR FREQUENCY MULTIPLIERS,
AD-404 819 9A U 41 15 HC$13.60

A MULTI-CAVITY KLYSTRON COMPUTER PROGRAM INCLUDING POTENTIAL DEPRESSION CORRECTION,
AD-420 687 9B U 41 15 HC$ 3.60

PROPERTIES OF DIELECTRICS FROM REFLECTION COEFFICIENTS IN ONE DIMENSION,
AD-422 444 20C U 41 15 HC$ 5.60

TRANSLATIONALLY COVARIANT HAMILTONIANS,
AD-422 500 20J U 41 15 HC$ 2.60

THE VOLUME COMMON TO TWO INTERSECTING RADAR BEAMS,
AD-433 757 17I U 41 15 HC$ 1.60

A FREQUENCY-DOMAIN SYNTHESIS PROCEDURE FOR MULTIDIMENSIONAL MAXIMUM-LIKELIHOOD PROCESSING OF SEISMIC ARRAYS.
AD-634 233 8K T 66 15 HC$ 8.60 MF$ 0.75

GRAPHICS.
AD-634 251 9B T 66 15 HC$ 1.00 MF$ 0.50

LINDE DIV., UNION CARBIDE CORP., INDIANAPOLIS, IND.
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AD-442 555 20E U 41 15 HC$ 3.60

LINDEN LABS., INC., STATE COLLEGE, PA.
CHEMICAL STRENGTHENING OF CERAMIC MATERIALS.
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INDUSTRIAL-DEVELOPMENT OPPORTUNITIES FOR THE PORT OF MONROE.
PB-170 282 5C U 41 15 HC$ 5.00 MF$ 1.00

FEASIBILITY OF ESTABLISHING A NON-INTEGRATED TISSUE MANUFACTURING FACILITY AT TWO HARBORS, MINNESOTA.
PB-170 321 5C U 41 15 HC$ 5.00 MF$ 1.00

LITTLE (ARTHUR D.), INC., CAMBRIDGE, MASS.
STRUCTURE MAKERS AND BREAKERS IN WATER: PRESSURE-INDUCED CHANGES IN THE HYDRATION ATMOSPHERES OF IONS IN SOLUTION,
AD-449 831 7D U 41 15 HC$ 2.60

PHYSICAL CHEMISTRY OF THE DEEP OCEAN ENVIRONMENT,
AD-462 328 8J U 41 15 HC$ 1.00

LOCKHEED MISSILES AND SPACE CO., PALO ALTO, CALIF. RESEARCH LABS.
WEIGHT SAVINGS DERIVED FROM THE USE OF CONTRASTING MATERIALS IN CONVENTIONALLY STIFFENED CYLINDERS,
AD-634 140 13M T 66 15 HC$ 2.00 MF$ 0.50

STUDIES OF THE STRUCTURE OF THE IONOSPHERE.
N66-16077 4A U 41 15 HC$ 3.00 MF$ 0.75

LOCKHEED MISSILES AND SPACE CO., SUNNYVALE, CALIF.
JUNCTURE STRESS FIELDS IN MULTICELLULAR SHELL STRUCTURES. VOLUME VII. BUCKLING ANALYSIS OF SEGMENTAL ORTHOTROPIC CYLINDERS UNDER UNIFORM STRESS DISTRIBUTION.
N66-16304 20K U 41 15 HC$ 3.00 MF$ 0.75

LOCKHEED MISSILES AND SPACE CO., SUNNYVALE, CALIF. AEROSPACE SCIENCES LAB.
COUPLED CONVECTIVE AND RADIATIVE HEATING TO SUPERORBITAL ENTRY VEHICLES,
N66-16378 20M U 41 15 HC$ 4.00 MF$ 0.75

LOS ALAMOS SCIENTIFIC LAB., UNIV. OF CALIFORNIA, N. MEX.
PLUTONIUM DISPERSAL BY ACCIDENTAL OR EXPERIMENTAL LOW-ORDER DETONATION OF ATOMIC WEAPONS,
LA-1981 18H U 41 15 HC$ 2.00 MF$ 0.50

CALCULATIONS OF THE THERMAL PROPERTIES OF HYDROGEN,
LA-3364 20M N 20 13 HC$ 3.00 MF$ 0.50

CRITICALITY CONTROL IN OPERATIONS WITH FISSILE MATERIAL,
LA-3366 18H U 41 15 HC$ 3.00 MF$ 0.50

HYDRO -- A SMALL, WATER-COOLED, AND WATER-REFLECTED NEUTRON SOURCE,
LA-3374 18H U 41 15 HC$ 2.00 MF$ 0.50

FISSION PRODUCT YIELDS FROM FAST (APPROXIMATELY EQUAL TO 1 MEV) NEUTRON FISSION OF 239 PU.
LA-3383 18F U 41 15 HC$ 2.00 MF$ 0.50

PIN TECHNIQUE FOR DISPLACEMENT MEASUREMENTS IN KIWI TNT.
LA-3388 18J U 41 15 HC$ 1.00 MF$ 0.50

MOLECULAR AND PRINCIPAL SERIES ABSORPTION IN CESIUM-ARGON MIXTURES,
LA-3391 7D U 41 15 HC$ 2.00 MF$ 0.50

RADIATION MEASUREMENTS OF THE EFFLUENT FROM THE KIWI B4D-202 AND B4E-301 REACTORS,
LA-3397 6R U 41 15 HC$ 3.00 MF$ 0.75

A STUDY OF TRUNCATION ERRORS IN EULERIAN HYDRODYNAMICS,
LA-3407 9B U 41 15 HC$ 2.00 MF$ 0.50

LONGITUDINAL LAMINAR FLOW OF AN INCOMPRESSIBLE FLUID IN FINITE TUBE BUNDLES WITH M + 1 TUBES,
LA-3418 18I U 41 15 HC$ 3.00 MF$ 0.75

AN ULTRA-HIGH VACUUM THERMOBALANCE FOR LANGMUIR VAPORIZATION STUDIES VAPOR PRESSURE OF MOLYBDENUM,
LA-3423 7D U 41 15 HC$ 1.00 MF$ 0.50

THE MAC METHOD - A COMPUTING TECHNIQUE FOR SOLVING VISCOUS, INCOMPRESSIBLE, TRANSIENT FLUID-FLOW PROBLEMS INVOLVING FREE SURFACES,
LA-3425 20D U 41 15 HC$ 4.00 MF$ 1.00

COOLDOWN OF CRYOGENIC TRANSFER LINES,
LA-3426 20M U 41 15 HC$ 1.00 MF$ 0.50

DPC A TWO-DIMENSIONAL DATA PREPARATION CODE,
LA-3427 9B U 41 15 HC$ 3.00 MF$ 0.75

BIOLOGICAL AND MEDICAL RESEARCH GROUP (H-4) OF THE HEALTH DIVISION.
LA-3432 18H U 41 15 HC$ 6.00 MF$ 1.50

SPHERICAL HARMONIC REDUCTION OF THE FOKKER-PLANCK EQUATION,
LA-3437 18A U 41 15 HC$ 2.00 MF$ 0.50

COMPUTER ANALYSIS OF CELL VOLUME DISTRIBUTION,
LA-3440 6B U 41 15 HC$ 3.00 MF$ 0.50

STABILITY OF A BUMPY LINEAR, BETA YIELDS 1, THETA-PINCH,
LA-3442 18A U 41 15 HC$ 1.00 MF$ 0.50

FABRICATION OF PRECISION LEAD COLLIMATORS,
LA-3443 18D U 41 15 HC$ 1.00 MF$ 0.50

GAMMA DOSE RATE MEASUREMENTS - KIWI TRANSIENT NUCLEAR TEST,
LA-3446 18D U 41 15 HC$ 2.00 MF$ 0.50

BURN INVESTIGATIONS OF SOME COAXIAL CABLES,
LA-3451 6R U 41 15 HC$ 2.00 MF$ 0.50

THE DETERMINATION OF NITRIDE NITROGEN IN PLUTONIUM METAL, ALLOYS, AND COMPOUNDS,
LA-3452 7A U 41 15 HC$ 1.00 MF$ 0.50

CRYOGENIC EVALUATION LABORATORY TEST OF A (MASONEILAN) CRYOGENIC LOW-PRESSURE COUPLING,
LA-3454 13E U 41 15 HC$ 1.00 MF$ 0.50

REZONE-A PROPOSAL FOR ACCOMPLISHING REZONING IN TWO-DIMENSIONAL LAGRANGIAN HYDRODYNAMICS PROBLEMS,
LA-3455 9B U 41 15 HC$ 2.00 MF$ 0.50

SEPARATION AND SPECTROPHOTOMETRIC MEASUREMENT OF LOW CONCENTRATIONS OF TANTALUM,
LA-3465 7B U 41 15 HC$ 1.00 MF$ 0.50

SEPARATION AND SPECTROPHOTOMETRIC MEASUREMENT OF 0.5 TO 10 PARTS PER MILLION OF THORIUM IN PLUTONIUM,
LA-3468 18J N 20 13 HC$ 2.00 MF$ 0.50

SPECTROPHOTOMETRIC DETERMINATION OF MICROGRAM AMOUNTS OF THORIUM IN PLUTONIUM,
LA-3469 7B U 41 15 HC$ 1.00 MF$ 0.50

DYNAMICS OF DISORDERED HARMONIC LATTICES IN ONE, TWO, AND THREE DIMENSIONS,
LA-3471 20B U 41 15 HC$ 2.00 MF$ 0.50

QUARTERLY STATUS REPORT ON THE MEDIUM-ENERGY PHYSICS PROGRAM FOR PERIOD ENDING JANUARY 31, 1966.
LA-3479 18D U 41 15 HC$ 3.00 MF$ 0.75

QUARTERLY STATUS REPORT ON ADVANCED REACTOR TECHNOLOGY (ART) FOR PERIOD ENDING JANUARY 31, 1966.
LA-3482 18I U 41 15 HC$ 3.00 MF$ 0.75

LOWELL TECHNOLOGICAL INST. RESEARCH FOUNDATION, MASS.
A STUDY OF FACTORS AFFECTING INDUSTRIAL GROWTH IN NORTHERN MIDDLESEX COUNTY AND ENVIRONS.
PB-170 311 5C U 41 15 HC$ 5.00 MF$ 1.25

LTV AEROSPACE CORP., DALLAS, TEX. LTV VOUGHT AERONAUTICS DIV.
DETERMINATION OF CHARACTERISTIC NON-DIMENSIONAL LOAD STROKE DIAGRAMS FOR SHIPBASED AND SHOREBASED CATAPULTING AND ARRESTING GEAR FROM ANALYSIS OF AIRPLANE AND DEAD LOAD TEST DATA.
AD-634 530 1E T 66 15 HC$ 6.00 MF$ 1.25

LTV ASTRONAUTICS DIV., LING-TEMCO-VOUGHT, INC., DALLAS, TEX.
STATISTICAL IMAGE RECOGNITION CONCEPT (OSIRIS).
AD-634 514 6D T 66 15 HC$ 8.60 MF$ 0.75

MAGNA CORP., ANAHEIM, CALIF. RESEARCH AND DEVELOPMENT LABS.
BIOCHEMICAL FUEL CELLS.
AD-296 802 10B U 41 15 HC$ 4.60

MAGUIRE (CHARLES A.) AND ASSOCIATES, ENGINEERS, PROVIDENCE, R. I.
FEASIBILITY STUDY OF AN INDUSTRIAL PARK DEVELOPMENT PROJECT IN WOONSOCKET, RHODE ISLAND.
PB-170 270 5C U 41 15 HC$ 3.00 MF$ 0.75

FEASIBILITY OF INDUSTRIAL SITE RECLAMATION IN THE MOSHASSUCK RIVER VALLEY PAWTUCKET, RHODE ISLAND.
PB-170 284 3C U 41 15 HC$ 4.00 MF$ 1.00

MALAKER LABS., INC., HIGH BRIDGE, N. J.
KINETIC STUDY OF ROCKET EXHAUST GASES.
AD-462 506 21I U 41 15 HC$ 2.60

MALLINCKRODT CHEMICAL WORKS, WELDON SPRING, MO. URANIUM DIV.
PROCESS DEVELOPMENT QUARTERLY PROGRESS REPORT, JULY-SEPTEMBER 1965.
MCW-1493 18J U 41 15 HC$ 2.00 MF$ 0.50

MANCHESTER UNIV. (ENGLAND).
PHOTOGRAPHIC OBSERVATIONS OF LUNAR SURFACE FROM JAPAN.
N66-15613 3A U 41 15 HC$ 1.00 MF$ 0.50

MARINE ADVISERS, INC., LA JOLLA, CALIF.
AN ELECTRIC ANALOGUE MODEL FOR THE STUDY OF LONG WAVES AND SEICHES IN CHESAPEAKE BAY.
AD-469 995 8C U 41 15 HC$19.00 MF$ 1.25

MARINE CORPS LANDING FORCE DEVELOPMENT CENTER, QUANTICO, VA.
MODERNIZATION OF REPRODUCTION TRAINS.
AD-634 184 14E T 66 15 HC$ 2.00 MF$ 0.50

LOADER, SCOOP TYPE.
AD-634 605 13F T 66 15 HC$ 1.00 MF$ 0.50

TEST OF BUMPER REPLACEMENT KIT FOR TRUCK, UTILITY, 1/4-TON, 4X4, M422/M422A1.
AD-634 606 13F T 66 15 HC$ 1.00 MF$ 0.50

PRODUCT IMPROVEMENT ITEMS; 21/2-TON AND 5-TON VEHICLES.
AD-634 611 13F T 66 15 HC$ 1.00 MF$ 0.50

TEST OF DROP-SIDE BED, 21/2-TON AND 5-TON VEHICLE.
AD-634 613 13F T 66 15 HC$ 1.00 MF$ 0.50

MARINE CORPS. LANDING FORCE DEVELOPMENT CENTER, QUANTICO, VA.
EVALUATION OF ULTRASONIC CLEANER.
AD-470 066 13H U 41 15 HC$ 1.10 MF$ 0.50

MARQUARDT CORP., VAN NUYS, CALIF.
RESEARCH INVESTIGATIONS ON PHOTO FACSIMILE TRANSMISSION TECHNIQUES.
AD-401 457 17B U 41 15 HC$15.60

MARTIN CO., BALTIMORE, MD.
HYDROFOIL SHIP STRUCTURAL DESIGN CRITERIA STUDY.
AD-469 181 13J U 41 15 HC$ 6.00 MF$ 1.25

MARTIN CO., BALTIMORE, MD. NUCLEAR DIV.
RESEARCH PROGRAM ON CLOSED-CYCLE MAGNETOPLASMADYNAMIC ELECTRICAL POWER GENERATION WITH NON-EQUILIBRIUM IONIZATION.
AD-418 281 10A U 41 15 HC$ 1.10

MARTIN CO., ORLANDO, FLA. MATERIALS RESEARCH LAB.
INTERPRETATION OF ELECTRON DIFFRACTION PATTERNS FROM THIN PLATELETS.
AD-634 238 11F T 66 15 HC$ 2.00 MF$ 0.50

MARYLAND UNIV., COLLEGE PARK.
A CRITICAL SURVEY OF MAGNETOFLUID DYNAMICS.PART IV. MODERN ASPECTS OF MAGNETOFLUID DYNAMICS (TENSOR ELECTRICAL CONDUCTIVITY AND MULTIFLUID THEORY).
AD-634 521 20I T 66 15 HC$ 3.00 MF$ 0.75

MARYLAND UNIV., COLLEGE PARK. DEPT. OF PHYSICS AND ASTRONOMY.
ON THE OFF-DIAGONAL MASS MATRIX ELEMENT OF THE NEUTRAL K SYSTEM.
AD-634 703 20J T 66 15 HC$ 1.00 MF$ 0.50

ORIGIN AND LOSS OF INNER ZONE PROTONS.
AD-634 704 4A T 66 15 HC$ 1.00 MF$ 0.50

THE USE OF UNITARITY IN PROVING POMERANCHUK'S THEOREM ON CROSS SECTIONS AT HIGH ENERGIES.
AD-634 705 20J T 66 15 HC$ 1.00 MF$ 0.50

HIGH ENERGY BEHAVIOUR OF SCATTERING AMPLITUDES AND CROSS SECTIONS USING CROSSING SYMMETRY AND HOLOMORPHY IN TWO VARIABLES.
AD-634 706 20J T 66 15 HC$ 1.00 MF$ 0.50

MARYLAND UNIV., COLLEGE PARK. DEPT. OF ZOOLOGY.
CURRENT REFERENCES IN MEDICAL ENTOMOLOGY FROM RUSSIAN, CENTRAL AND EASTERN EUROPEAN AND CHINESE LITERATURE. VOLUME V. NUMBER 4,
AD-634 279 6C T 66 15 HC$ 1.00 MF$ 0.50

CURRENT REFERENCES IN MEDICAL ENTOMOLOGY FROM RUSSIAN, CENTRAL AND EASTERN EUROPEAN AND CHINESE LITERATURE. VOLUME NO. V. NUMBER 5,
AD-634 280 6C T 66 15 HC$ 1.00 MF$ 0.50

CURRENT REFERENCES IN MEDICAL ENTOMOLOGY FROM RUSSIAN, CENTRAL AND EASTERN EUROPEAN AND CHINESE LITERATURE. VOLUME V. NUMBER 3,
AD-634 355 6C T 66 15 HC$ 1.00 MF$ 0.50

MARYLAND UNIV., COLLEGE PARK. INST. FOR FLUID DYNAMICS AND APPLIED MATHEMATICS.
MIGRATION AND TRAPPING OF EXCITATION QUANTA IN PHOTOSYNTHETIC UNITS.
AD-634 537 6A T 66 15 HC$ 4.00 MF$ 0.75

ANALYTIC REPRESENTATION OF GENERALIZED FUNCTIONS.
AD-634 559 12A T 66 15 HC$ 2.00 MF$ 0.50

MASSACHUSETTS INST. OF TECH., CAMBRIDGE.
ROLLING HISTORY IN RELATION TO THE TOUGHNESS OF SHIP PLATE.
AD-465 025 13H U 41 15 HC$ 3.00 MF$ 0.50

RELAXATION PHENOMENA AT HIGH ELECTRIC FIELD ON THE SURFACES OF INDIUM ANTIMONIDE.
AD-634 345 20L T 66 15 HC$ 1.00 MF$ 0.50

TECHNICAL INFORMATION, PLEASE,
PB-170 439 5B U 41 15 HC$ 1.10 MF$ 0.50

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. AEROELASTIC AND STRUCTURES RESEARCH LAB.
BUCKLING OF RADIALLY CONSTRAINED THIN CIRCULAR RINGS UNDER INERTIA LOADING,
AD-634 433 20K T 66 15 HC$ 1.00 MF$ 0.50

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. DEPT. OF CHEMISTRY.
THE PREPARATION OF DIARYLCYCLOPROPENONES BY THE REACTION OF PHENYLMERCURY WITH DIARYLACETYLENES,
AD-634 581 7C T 66 15

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. DEPT. OF METALLURGY.
THE ATTACK OF COPPER-GOLD, SILVER-GOLD, COPPER-NICKEL, AND SILVER-COPPER ALLOYS BY SULFUR AT ELEVATED TEMPERATURES,
PB-169 085 11F U 41 15 HC$ 3.00 MF$ 0.75

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. LAB. FOR NUCLEAR SCIENCE.
THE VISCOSITIES OF SOLUTIONS OF ACIDS IN TRI-N-BUTYLPHOSPHATE.
TID-20400 7A U 41 15 HC$ 1.00 MF$ 0.50

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. OPERATIONS RESEARCH CENTER.
A MODEL FOR TRAFFIC FLOWS ON A TWO-LANE TWO-WAY RURAL HIGHWAY.
AD-634 597 13B T 66 15 HC$ 4.00 MF$ 0.75

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. SCHOOL OF ENGINEERING.
A TECHNIQUE OF RESOURCE ALLOCATION FOR USE WITH THE CRITICAL PATH METHOD,
PB-169 850 5A U 41 15 HC$ 3.00 MF$ 0.75

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. WELDING LAB.
MECHANICAL AND METALLURGICAL BEHAVIOR OF RESTRAINED WELDS IN SUBMARINE STEELS.
AD-634 747 11F T 66 15 HC$ 3.00 MF$ 0.75

MCCOY ELECTRONICS CO., MOUNT HOLLY SPRINGS, PA.
GLASS INCLOSED MINIATURE CRYSTAL UNITS.
PB-169 972 9C U 41 15 HC$ 7.60

MCGILL UNIV., MONTREAL (QUEBEC). MECHANICAL ENGINEERING RESEARCH LABS.
THE EFFECT OF JET ENTRAINMENT ON LOSS OF THRUST FOR A TWO-DIMENSIONAL SYMMETRICAL JET-FLAP AEROFOIL,
AD-634 373 20D T 66 15

MCMASTER UNIV., HAMILTON (ONTARIO). DEPT. OF METALLURGY AND METALLURGICAL ENGINEERING.
DISSOLUTION SPIRALS ON GAMMA-IRRADIATED LITHIUM FLUORIDE.
AD-634 746 20B T 66 15 HC$ 1.00 MF$ 0.50

MEAD CARNEY INTERNATIONAL CO., DARIEN, CONN.
EXPANDING EXISTING INDUSTRIES TO CREATE NEW JOB OPPORTUNITIES IN FULTON COUNTY, NEW YORK.
PB-170 318 5C U 41 15 HC$ 2.00 MF$ 0.50

MECHANICAL PROPERTIES DATA CENTER, TRAVERSE CITY, MICH.
NICKEL AND CHROMIUM BASE ALLOYS.
AD-634 607 11F T 66 15 HC$ 1.00 MF$ 0.50

MECHANICAL TECHNOLOGY, INC., LATHAM, N. Y.
THE EFFECT OF INELASTIC TENSILE PRESTRAIN ON THE BRITTLE FRACTURE PROPERTIES OF ANNEALED 4140 STEEL,
AD-467 523 11F U 41 15 HC$ 5.60 MF$ 0.50

MEDICAL LAB. (406TH), SAN FRANCISCO, CALIF. 96343.
PROFESSIONAL REPORT, JULY 1964 THROUGH JUNE 1965.
AD-634 124 6E T 66 15 HC$ 7.00 MF$ 1.75

MELLON INST., PITTSBURGH, PA.
EFFECT OF CROSSLINK DENSITY ON THE CREEP BEHAVIOR OF NATURAL RUBBER VULCANIZATES,
N66-14531 11J U 41 15 HC$ 2.00 MF$ 0.50

METALS AND CONTROLS, INC., ATTLEBORO, MASS.
STUDY OF DUCTILE COATINGS FOR THE OXIDATION PROTECTION OF COLUMBIUM AND MOLYBDENUM ALLOYS.
AD-634 402 11C T 66 15 HC$ 2.00 MF$ 0.50

MICHIGAN STATE UNIV., EAST LANSING. DEPT. OF STATISTICS.
ASYMPTOTIC DISTRIBUTIONS IN SOME NON-REGULAR STATISTICAL PROBLEMS.
AD-634 352 12A T 66 15 HC$ 4.00 MF$ 0.75

MICHIGAN STATE UNIV., EAST LANSING. DEPT. OF STATISTICS.
MODELS FOR ANTIBODY ATTACHMENT TO VIRUS AND BACTERIOPHAGE.
AD-634 306 6M T 66 15 HC$ 1.00 MF$ 0.50

MICHIGAN UNIV., ANN ARBOR.
THE ANN ARBOR CONFERENCE ON OPTICAL PUMPING, HELD AT THE UNIVERSITY OF MICHIGAN, JUNE 15-JUNE 18, 1959.
PB-169 894 20F U 41 15 HC$18.40 MF$ 1.00

COMPOUNDING AS A PHONOLOGICAL PROCESS,
PB-170 491 5B U 41 15 HC$ 1.10 MF$ 0.50

TEACHING MACHINES AND PROGRAMMED LEARNING,
PB-170 502 5I U 41 15 HC$ 1.10 MF$ 0.50

MICHIGAN UNIV., ANN ARBOR. DEPT. OF CIVIL ENGINEERING.
BEHAVIOR AND MAXIMUM STRENGTH OF METAL COLUMNS.
AD-634 495 13H T 66 15 HC$ 3.00 MF$ 0.75

MICHIGAN UNIV., ANN ARBOR. DEPT. OF ENGINEERING MECHANICS.
THE DYNAMIC STIFFNESS OF A PNEUMATTIC TIRE MODEL,
N66-16079 20K U 41 15 HC$ 1.00 MF$ 0.50

MICHIGAN UNIV., ANN ARBOR. INST. OF SCIENCE AND TECHNOLOGY.
SEISMIC-WAVE PROPAGATION FROM SALT-DOME ENVIRONMENTS,
AD-444 492 8K U 41 15 HC$ 6.60

PREPARATION AND PROPERTIES OF POTENTIAL GREEN LASER MATERIALS CONTAINING HEXAVALENT URANIUM,
AD-470 360 20E U 41 15 HC$ 4.60 MF$ 0.50

SEMICONDUCTOR LIGHT SOURCES,
AD-470 376 20E U 41 15 HC$ 3.60 MF$ 0.50

VESIAC MONTHLY BULLETIN OF VELA UNIFORM RESEARCH PUBLICATIONS.
AD-634 215 8K T 66 15 HC$ 1.00 MF$ 0.50

MICHIGAN UNIV., ANN ARBOR. INST. OF SCIENCE AND2TECHNOLOGY.
A SIMPLE DEVICE FOR AIDING THE PROGRAMMING OF THE LGP-30 DIGITAL COMPUTER,
AD-457 197 9B U 41 15 HC$ 2.60

MIDLAND MFG. CO., INC., KANSAS CITY, KANS.
FREQUENCY AND PHASE STABLE CRYSTAL UNIT DEVELOPMENT.
PB-169 981 9C U 41 15 HC$ 1.60

MIDLAND-WRIGHT, KANSAS CITY, KANS.
PRODUCTION ENGINEERING MEASURE RELIABLE QUARTZ CRYSTAL MICROELEMENTS TYPES EL-MCR01 (X-1) AND EL-MCR02 (X-1).
AD-634 214 9A T 66 15 HC$ 1.00 MF$ 0.50

MINNESOTA UNIV., MINNEAPOLIS. DEPT. OF AERONAUTICS AND ENGINEERING MECHANICS.
FOURIER-TRANSFORM TECHNIQUE FOR MEASURING TERMINATING IMPEDANCES.
AD-634 745 20K T 66 15 HC$ 2.00 MF$ 0.50

MISSOURI UNIV., COLUMBIA. AGRICULTURAL EXPERIMENT STATION.
THE ECONOMIC FEASIBILITY OF COMMERCIAL FRUIT AND VEGETABLE PRODUCTION AND PROCESSING IN THE MISSOURI DELTA.
PB-170 302 5C U 41 15 HC$ 3.00 MF$ 0.75

MISSOURI UNIV., COLUMBIA. ENGINEERING EXPERIMENT STATION.
A VERSATILE EXPERIMENTAL HYPOTHERMIC-HYPERBARIC OXYGEN CHAMBER FOR WHOLE ORGAN PRESERVATION,
PB-170 487 6L U 41 15 HC$ 1.00 MF$ 0.50

MITHRAS, INC., CAMBRIDGE, MASS.
A WIND TUNNEL INVESTIGATION OF THE NITRIC OXIDE-OXYGEN ATOM REACTION.
AD-634 312 7D T 66 15 HC$ 3.00 MF$ 0.75

MITRE CORP., BEDFORD, MASS.
AESOP! A GENERAL PURPOSE APPROACH TO REAL-TIME, DIRECT ACCESS MANAGEMENT INFORMATION SYSTEMS,
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MOUND LABORATORY PROGRESS REPORT FOR JUNE 1965,
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RESEARCH ON CUMULATIVE DAMAGE IN FATIGUE OF RIVETED ALUMINUM ALLOY JOINTS,
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SELECTED VALUES OF CHEMICAL THERMODYNAMIC PROPERTIES. PART II. TABLES FOR THE ELEMENTS TWENTY-THREE THROUGH THIRTY-TWO IN THE STANDARD ORDER OF ARRANGEMENT,
NBS-TN-270-2 7D U 41 15 HC$ 0.40 MF$ 0.75

NUCLEAR AND RADIATION STANDARDS OF IMPORTANCE TO THE NATIONAL ATOMIC ENERGY PROGRAM,
NBS-TN-283 18H U 41 15 HC$ 0.35 MF$ 0.50

DISCLOSURES ON MAGNETIC TAPE HANDLER, FOCUS DETECTOR, MULTI-PEN RECORDER, SIGNAL AVERAGING FILTER, ELECTROSTATIC RMS VOLTMETER, BACK-UP RING FOR O-RINGS, AND LOW TEMPERATURE SOLID STATE THERMOMETER.
NBS-TN-287 14B U 41 15 HC$ 0.25 MF$ 0.50

ELECTROCHEMICAL DATA, PART I.
N66-14482 7D U 41 15 HC$ 2.00 MF$ 0.50

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ATOMIC TRANSITION PROBABILITIES. VOLUME I. HYDROGEN THROUGH NEON,
AD-634 145 7D T 66 15 MF$ 1.00

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METALLOGRAPHY OF URANIUM PROCEDURES AND STANDARDS,
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NLCO-967 7B U 41 15 HC$ 1.00 MF$ 0.50

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SUMMARY TECHNICAL REPORT FOR THE PERIOD OCTOBER 1-DECEMBER 31, 1965,
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A NOTE ON THE DOSIMETRIC INTERPRETATION OF RIGIDITY SPECTRA FOR SOLAR PARTICLE BEAMS,
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NAVAL AIR DEVELOPMENT CENTER, JOHNSVILLE, PA. AIR WARFARE RESEARCH DEPT.
DEVELOPMENT OF WEAPON SYSTEM RELIABILITY GOALS FROM OPERATIONS ANALYSIS,
AD-634 739 14D T 66 15 HC$ 1.10 MF$ 0.50

NAVAL AIR DEVELOPMENT CENTER, JOHNSVILLE, PA. AEROSPACE MEDICAL RESEARCH DEPT.
CATECHOL AMINE MEASUREMENTS ASSOCIATED WITH AUTONOMIC-LABYRINTHINE RESPONSES IN MAN EXPOSED TO POSITIVE (+GZ) ACCELERATION,
AD-634 519 6S T 66 15 HC$ 1.00 MF$ 0.50

NAVAL AIR DEVELOPMENT CENTER, JOHNSVILLE, PA. AERO-ELECTRONIC TECHNOLOGY DEPT.

A STANDARD AIRCRAFT WEAPONS MANAGEMENT AND RELEASE CONTROL SYSTEM (SAWMARCS) DESIGN PROPOSAL FOR THE F-111B AIRCRAFT.
AD-634 250 1C T 66 15 HC$ 1.00 MF$ 0.50

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MOLECULAR CHANGES IN POLYAMIDE AND ELASTOMERIC POLYMERS DUE TO NUCLEAR, ULTRAVIOLET AND THERMAL RADIATION.
AD-434 216 7E U 41 15 HC$ 3.60

ADVANCED POLYMER RESEARCH TO DEVELOP POLYMERS FOR USE IN COATINGS EXPOSED TO EXTREME ENVIRONMENTS.
AD-470 146 11C U 41 15 HC$ 3.60 MF$ 0.50

NAVAL AIR MATERIAL CENTER, PHILADELPHIA, PA. AIR CREW EQUIPMENT LAB.
COCKPIT DESIGN STUDIES: STANDARD COCKPIT MOCKUP: SELECTION OF SUBJECTS FOR AIRCREW STATION DESIGN EXPERIMENTATION.
PB-169 222 5E U 41 15 HC$ 1.00 MF$ 0.50

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ACOUSTIC IMPEDANCE TUBE FOR STUDY OF ANECHOIC COATINGS.
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ANECHOIC COATING PROJECT: REPORT ON THE DETERMINATION OF ACOUSTIC PROPERTIES OF MATERIALS BY PROPAGATION OF WAVES IN WATER FILLED TUBES,
AD-634 203 20A T 66 15 HC$ 3.00 MF$ 0.75

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FAILURE MODES OF SAND SURROUNDING A LATERALLY DISPLACED PILE SUBJECTED TO STATIC AND IMPACT LOADS,
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COATING STUDIES AT KWAJALEIN, KANEOHE, AND PORT HUENEME.
AD-634 201 11C T 66 15 HC$ 1.60 MF$ 0.50

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SMALL SCALE GRILLAGE TESTS,
AD-634 227 13J T 66 15 HC$ 2.00 MF$ 0.50

NAVAL MEDICAL SCHOOL, BETHESDA, MD.
POLAR MANUAL. ARCTIC AND ANTARCTIC LIVING CONDITIONS, PERSONNEL SELECTION, HYGIENE AND SANITATION, CLOTHING, NUTRITION, SUPPLIES AND EQUIPMENT, VISUAL DISABILITIES AND COLD INJURIES, FIRST AID, SAFETY, AND SURVIVAL.
AD-634 266 6S T 66 15 HC$ 5.00 MF$ 1.00

NAVAL OCEANOGRAPHIC OFFICE, WASHINGTON, D. C. OCEANOGRAPHIC PREDICTION DIV.
REPORT OF SEVERE ICE CONDITIONS IN MELVILLE BUGT, SUMMER 1964,
AD-634 531 8L T 66 15 HC$ 2.00 MF$ 0.50

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DESIGN OBJECTIVES FOR TELEMETRY R-F TRANSMISSION LINKS FOR THE PERIOD 1960 TO 1970. REVISION NO. 3,
AD-634 368 9F T 66 15 HC$ 2.00 MF$ 0.50

NAVAL ORDNANCE LAB., WHITE OAK, MD.
NOL HYPERSONIC SHOCK TUNNEL FACILITIES.
AD-447 153 14B U 41 15 HC$ 2.60

NOL HYPERSONIC TUNNEL NO. 4,
AD-448 220 14B U 41 15 HC$ 5.60

POLISHES AND ETCHES FOR TIN TELLURIDE, LEAD SULFIDE, LEAD SELENIDE, AND LEAD TELLURIDE: SUPPLEMENT.
AD-634 392 13H T 66 15 HC$ 1.00 MF$ 0.50

THE DETONATION BEHAVIOR OF HYDRAZINE MONONITRATE,
AD-634 602 19A T 66 15 HC$ 1.00 MF$ 0.50

NONEQUILIBRIUM EFFECTS ON ENERGY TRANSFER IN AN IONIZED FLUID FLOW.
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MANNING REQUIREMENTS FOR FIRE CONTROL SYSTEMS ASSOCIATED WITH TORPEDO MK 48,
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DEVELOPMENT OF THE SHORT BASIC TEST BATTERY FORM SB-3.
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COMPUTER CORRECTION FOR SHIFTS IN GAIN AND BASELINE IN GAMMA RAY SCINTILLATION PULSE HEIGHT SPECTRA,
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A RAPID METHOD FOR THE CARRIER-FRE DETERMINATION OF INDIVIDUAL RARE EARTHS BY ION EXCHANGE AT ROOM TEMPERATURE,
AD-463 222 7E U 41 15 HC$ 1.60

ON THE FEASIBILITY OF ANALYZING ABLATOR BLOW-OFF GASES WITH A TIME-OF-FLIGHT MASS SPECTROMETER,
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NRDL 70-INCH CYCLOTRON EXTERNAL ION OPTICS SYSTEM,
AD-634 300 20I T 66 15 HC$ 1.00 MF$ 0.50

SUMMARY OF THE INVESTIGATION OF THE RESPONSE OF CADMIUM SULFIDE,
PB-169 983 18D U 41 15 HC$ 5.60

NAVAL RESEARCH LAB., WASHINGTON, D. C.
ON EFFECTS OF CARBON AND MANGANESE CONTENT AND OF GRAIN SIZE ON DYNAMIC STRENGTH PROPERTIES OF MILD STEEL.
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THE APPLICATION OF TOROIDAL GEOMETRY TO HIGH ENERGY STORAGE INDUCTORS.
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SOLUTION SYSTEMS FOR THE DISPLACING OF ORGANIC LIQUIDS FROM SOLID SURFACES,
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AD-634 427 11I T 66 15 HC$ 2.00 MF$ 0.50

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A FORECAST OF ADVANCES IN THE APPAREL MANUFACTURING INDUSTRIES OVER THE NEXT FIVE YEARS.
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DECAY OF A DISCONTINUITY LINE IN A VISCOUS FLUID.
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LOCAL ORDER FOR TERNARY MATERIALS IN A CRYSTAL.
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AD-634 742 17I T 66 15 HC$ 1.00 MF$ 0.50

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THE BEHAVIOR OF SUPERALLOY OXIDE FILMS IN MOLTEN SALTS.
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AD-634 211 11F T 66 15 HC$ 2.00 MF$ 0.50

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NAVY UNDERWATER SOUND LAB., NEW LONDON, HCONN.
NEARFIELD SOUND PRESSURE ON SQUARE AND RECTANGULAR ARRAYS WITH BEAM STEERING.
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NAVY UNDERWATER SOUND REFERENCE LAB., ORLANDO, FLA.
GENERAL RECIPROCITY PARAMETER.
AD-634 707 20A T 66 15

NEVIS LABS., COLUMBIA UNIV., IRVINGTON-ON-HUDSON, N. Y.
POSITRON SPECTRUM FROM MUON DECAY.
AD-634 351 20H T 66 15 HC$ 5.00 MF$ 1.00

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EVALUATION OF THE METHODS IN TID-7029, 'SELECTED MEASURMENT METHODS FOR PLUTONIUM AND URANIUM IN THE NUCLEAR FUEL CYCLE',
NBL-231 18B U 41 15 HC$ 4.00 MF$ 1.00

NEW BRUNSWICK LAB. (AEC), N. J.
ANNUAL PROGRESS REPORT FOR THE PERIOD JULY 1964 THROUGH JUNE 1965.
NBL-230 7E U 41 15 HC$ 3.00 MF$ 0.75

NEW JERSEY STATE DEPT. OF HEALTH, WEST ORANGE. RADIUM RESEARCH PROJECT.
EPIDEMIOLOGICAL FOLLOWUP OF THE NEW JERSEY RADIUM CASES. I. REPORT OF THE EPIDEMIOLOGICAL AND MEDICAL STUDY GROUP AND THE PROJECT SUBCONTRACTORS. II. RESUME OF COOPERATIVE LABORATORY STUDIES ON PROJECT CASES AND SPECIMENS. III. RESUMES OF FINDINGS FROM INDIVIDUAL CASE STUDIES.
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THE DESIGN AND PERFORMANCE OF MODEL 2.041 QUADRALOOP TELEMETRY ANTENNAS FOR THE NASA JAVELIN, FLIGHT 12.03.
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LABORATORY TESTING AND THEORETICAL STUDIES IN TRANSIENT RADIATION EFFECTS ON MICROELECTRONICS.
AD-634 493 18H T 66 15 HC$ 4.00 MF$ 1.00

NEW YORK UNIV., N. Y. DEPT. OF CHEMICAL ENGINEERING.
MECHANISM OF CIALYTIC IGNITION AND COMBUSTION OF SOLID ROCKET PROPELLANTS.
AD-472 135 21I U 41 15 HC$ 1.10 MF$ 0.50

NEW YORK UNIV., N. Y. ELECTRON DEVICES GROUP.
PROCEEDINGS OF THE HIGH-POWER MICROWAVE TUBES SYMPOSIUM HELD AT THE HEXAGON, FORT MONMOUTH, NEW JERSEY 19 AND 20 MAY 1965, VOLUME I.
AD-478 107 9A U 41 15 HC$ 6.00 MF$ 1.50

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A THEORY OF TURBULENT EDDIES,
PB-169 465 4B U 41 15 HC$ 3.00 MF$ 0.50

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CW MATHEMATICAL RESEARCH.
AD-273 112 15B U 41 15 HC$ 6.60

NEW YORK UNIV., N. Y. SCHOOL OF MEDICINE.
STUDIES ON ETIOLOGY OF EXPERIMENTAL SHOCK.
AD-634 383 6E T 66 15 HC$ 1.00 MF$ 0.50

NEWMAN ASSOCIATES, RIDGEWOOD, N. J.
EVALUATION OF A REPORT ON A FOUR-TOWN REDEVELOPMENT AREA IN SOUTHWESTERN CONNECTICUT COMPOSED OF THE TOWNS OF ANSONIA, DERBY, OXFORD, AND SEYMOUR,
PB-170 237 5C U 41 15 HC$ 1.00 MF$ 0.50

NIJVERHEIDSORGANISATIE, TNO, THE HAGUE (NETHERLANDS).
THE DEVELOPMENT OF A NEW DETERMINATION OF THE DUCTILE-BRITT E TRANSITION TEMPERATURE.
EURAEC-225 20K U 41 15 HC$ 1.00 MF$ 0.50

NORTH AMERICAN AVIATION, INC., COLUMBUS, OHIO.
OBSTRUCTION LIGHT SYSTEM.
AD-634 382 17G T 66 15 HC$ 6.00 MF$ 1.25

NORTH AMERICAN AVIATION, INC., LOS ANGELES, CALIF.
POTASSIUM SUPEROXIDE CANISTER EVALUATION FOR MANNED SPACE VEHICLES.
AD-289 611 6K U 41 15 HC$ 6.00

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AD-634 146 20D T 66 15 HC$ 2.00 MF$ 0.50

NORTH CAROLINA STATE UNIV., RALEIGH. APPLIED MATHEMATICS RESEARCH GROUP.
LECTURES ON MEHLER-FOCK TRANSFORMS AND SOME OF THEIR APPLICATIONS,
AD-634 364 12A T 66 15 HC$ 3.00 MF$ 0.75

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NUCLEAR ENERGY DRIVEN LASER SYSTEMS.
AD-455 571 20E U 41 15 HC$ 5.60

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DELAYED IONIZATION OF EXCITED PHENANTHRENE AND ANTHRACENE IN SOLUTION,
AD-634 573 7D T 66 15

NORTHERN WISCONSIN DEVELOPMENT PROJECT, WAUSAU.
ANNUAL REPORT (1ST), JULY 1, 1964-JUNE 30,1965.
PB-170 320 5C U 41 15 HC$ 3.00 MF$ 0.75

NORTHROP SPACE LABS, HAWTHORNE, CALIF.
TECHNOLOGY STUDY OF PASSIVE CONTROL OF HUMIDITY IN SPACE SUITS,
N66-14556 6K U 41 15 HC$ 3.00 MF$ 0.75

NORTHWEST CONSULTANT OCEANOGRAPHERS, INC., SEATTLE, WASH.
POTENTIAL CONTRIBUTION OF THE MARINE ENVIRONMENT TO ECONOMIC REDEVELOPMENT OF THE NORTH COAST COUNTIES OF CALIFORNIA,
PB-170 268 5C U 41 15 HC$ 2.00 MF$ 0.50

NORTHWESTERN UNIV., EVANSTON, ILL. DEPT. OF GEOGRAPHY.
REMOTE SENSING AND URBAN INFORMATION SYSTEMS. FIVE PAPERS.
AD-634 149 13B T 66 15 HC$ 2.00 MF$ 0.50

NOTRE DAME UNIV., IND.
THE DESORPTION AND MIGRATION OF STRONTIUM ON TUNGSTEN USING PULSED FIELD EMISSION MICROSCOPY.
AD-419 846 20C U 41 15 HC$ 5.60

NOTRE DAME UNIV., IND. DEPT. OF CHEMISTRY.
A FACILE SYNTHESIS OF BETA-ALKOXY MERCAPTANS AND BETA-THIOALKOXY MERCAPTANS,
AD-634 583 7C T 66 15

NOYES CHEMICAL LAB., UNIV. OF ILLINOIS, URBANA.
HIGH TEMPERATURE GAS KINETIC STUDY OF NITROUS OXIDE DECOMPOSITION PERFORMED WITH A SHOCK TUBE AND QUADRUPOLE MASS-FILTER.
AD-634 399 7D T 66 15 HC$ 3.00 MF$ 0.75

HIGH TEMPERATURE GAS KINETIC STUDY OF CARBONYL SULFIDE DECOMPOSITION PERFORMED WITH A SHOCK TUBE AND QUADRUPOLE MASS-FILTER.
AD-634 423 7D T 66 15 HC$ 4.00 MF$ 0.75

MATRIX ISOLATION AND MASS-SPECTROMETRIC STUDIES OF SPECIES PRODUCED IN A SHOCK TUBE.
AD-634 428 7D T 66 15 HC$ 1.00 MF$ 0.50

ELECTRON GUN PERFORMANCE USING A MODIFIED APPEARANCE POTENTIAL TECHNIQUE.
AD-634 430 14B T 66 15 HC$ 1.00 MF$ 0.50

AROMATIC BORONIC ACIDS. SYNTHESIS OF OMICRON-BORONOPHENYLALANINE,
COO-314-11 7C U 41 15 HC$ 1.00 MF$ 0.50

NUCLEAR METALS DIV., TEXTRON, INC., WEST CONCORD, MASS.
STUDY OF DISPERSION-STRENGTHENED ALLOYS PRODUCED BY SLIS TECHNIQUES.
AD-634 384 11F T 66 15 HC$ 3.00 MF$ 0.75

NUCLEAR METALS, INC., WEST CONCORD, MASS.
POWER REACTOR PROGRAM. DEVELOPMENT OF FABRICATION PROCESS FOR DRIVER TUBES FOR THE HWCTR,
NMI-7263 18E U 41 15 HC$ 3.00 MF$ 0.75

NUCLEAR METALS, WEST CONCORD, MASS.
INVESTIGATION OF BERYLLIUM WINDOWS FROM CEA BUBBLE CHAMBER.
NYO-10742 18D U 41 15 HC$ 6.00 MF$ 1.25

OAK RIDGE GASEOUS DIFFUSION PLANT, TENN.
DETERMINATION OF METALLIC IMPURITIES IN ALUMINUM BY X-RAY FLUORESCENCE,
K-1638 7D U 41 15 HC$ 2.00 MF$ 0.50

OAK RIDGE NATIONAL LAB., TENN.
OPERATIONS PLAN - OPERATION HENRE.
CEX-65.03 6R U 41 15 HC$ 1.00 MF$ 0.50

LIST OF AEC RADIOISOTOPE CUSTOMERS WITH SUMMARY OF RADIOISOTOPE SHIPMENTS, FY 1965,
ORNL-IIC-6 18B U 41 15 HC$ 3.00 MF$ 0.75

PROCEEDINGS OF INFORMATION MEETING ON IRRADIATED WOOD-PLASTIC MATERIALS HELD AT CONRAD HILTON HOTEL, CHICAGO, ILLINOIS, SEPTEMBER 15, 1965,
ORNL-IIC-7 18B N 20 12 HC$ 2.00 MF$ 0.75

REACTOR YIELD CALCULATIONS FOR 81 RADIOISOTOPES PRODUCED BY (N,GAMMA) REACTIONS AT FLUXES OF 10 7 TO 10 16 N/CM 2-SEC FOR IRRADIATION TIMES OF 30 MINUTES TO ONE YEAR,
ORNL-IIC-8 18H N 20 12 HC$ 3.00 MF$ 0.75

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A LARGE ULTRA HIGH VACUUM ENVIRONMENTAL CHAMBER WITH LIQUID HELIUM COOLED WALLS,
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REACTIVE METALS, INC., ASHTABULA, OHIO. EXTRUSION PLANT.
QUARTERLY PROGRESS SUMMARY, OCTOBER-DECEMBER 1964.
RMI-4 18J N 20 13 HC$ 3.00 MF$ 0.75

REDSTONE SCIENTIFIC INFORMATION CENTER, REDSTONE ARSENAL, ALA.
SILICON CARBIDE FOR SEMICONDUCTORS,
AD-464 777 20L U 41 15 HC$ 2.25

SURVEY OF AVAILABLE HIGH PRESSURE PNEUMATIC COMPONENTS (5,000 PSI AND UP),
AD-472 407 13G U 41 15 HC$ 2.75 MF$ 1.25

SPECTRUM OF PRESSURE FLUCTUATIONS IN A TURBULENT FLOW,
AD-634 302 20D T 66 15 HC$ 1.00 MF$ 0.50

REGIONAL INDUSTRIAL DEVELOPMENT CORP. OF SOUTHWESTERN PENNSYLVANIA, PITTSBURGH.
COMMUNITY ASSISTANCE TO EXISTING INDUSTRY, A STRATEGY AND FEASIBILITY STUDY.
PB-170 314 5C U 41 15 HC$ 2.00 MF$ 0.50

RENSSELAER POLYTECHNIC INST., TROY, N. Y.
INVESTIGATION OF TRANSIENT RADIATION DAMAGE IN SEMICONDUCTOR MATERIALS.
AD-634 488 20L T 66 15 HC$ 1.00 MF$ 0.50

RENSSELAER POLYTECHNIC INST., TROY, N. Y. DEPT. OF CHEMISTRY.
THE THERMODYNAMICS OF CORROSION IN MOLTEN CARBONATES: APPLICATION OF E-PCO2 DIAGRAMS,
AD-449 958 11F U 41 15 HC$ 2.60

RESEARCH INST. FOR GEODETIC SCIENCES, FORT BELVOIR, VA.
A GEOMETRIC SIMULTANEOUS MULTISTATION DETERMINATION, WITH CONSTRAINTS, USING DATA FROM GEODETIC SATELLITES,
AD-634 679 8E T 66 15 HC$ 1.00 MF$ 0.50

RESEARCH LAB OF ELECTRONICS, MASS. INST. OF TECH., CAMBRIDGE.
WORD-RECOGNITION COMPUTER PROGRAM.
AD-634 304 9B T 66 15 HC$ 1.00 MF$ 0.50

RESEARCH LAB. OF ELECTRONICS, MASS. INST. OF TECH. CAMBRIDGE.
SYNTACTIC STRUCTURES IN THE LANGUAGES OF CHILDREN,
PB-170 500 5G U 41 15 HC$ 1.60 MF$ 0.50

RESEARCH TRIANGLE INST., DURHAM, N. C. NATURAL PRODUCTS LAB.
THE PREPARATION OF SMALL RING COMPOUNDS CONTAINING SILICON. PART I. VINYL-HYDROGEN LIGAND EXCHANGE ON SILICON. PART II. THE PREPARATION AND ISOMERIZATION OF MONOCYCLIC SILYLHYDRAZINES. PART III. ON THE ATTEMPTED SYNTHESIS OF THE 1,2-DISILACYCLOBUTANE RING SYSTEM.
AD-634 735 7C T 66 15 HC$ 2.00 MF$ 0.50

RHODES AND BLOXSON, CANOGA PARK, CALIF.
HEAT TRANSFER AND FLOW VISUALIZATION ON 1/2-INCH-DIAMETER CYLINDERS IN LAMINAR HYPERSONIC FLOW.
SC-DC-65-1907 1A N 20 12 HC$ 3.00 MF$ 0.50

ROBERT A. TAFT SANITARY ENGINEERING CENTER, CINCINNATI, OHIO.
POLLUTION AND THE LIFE IN WATER,
PB-169 384 13B U 41 15 HC$ 1.60 MF$ 0.50

ROCHESTER UNIV., N. Y. ACOUSTICAL PHYSICS LAB.
DYNAMICS OF A TRANSLATING CAVITY IN A LIQUID,
AD-634 743 20D T 66 15 HC$ 5.00 MF$ 1.00

ROCKET PROPULSION ESTABLISHMENT, WESTCOTT (ENGLAND).
THE DISSOCIATION ENERGY OF THE N-H BOND IN HYDRAZINE AND RELATED COMPOUNDS.
AD-634 219 7D T 66 15 HC$ 1.00 MF$ 0.50

ROCKY FLATS DIV., DOW CHEMICAL CO., GOLDEN, COLO.
THE OXIDATION AND IGNITION OF PLUTONIUM,
RFP-491 18J N 20 12 HC$ 1.00 MF$ 0.50

UNCLASSIFIED PUBLICATIONS, 1965.
RFP-516A 5B N 20 12 HC$ 2.00 MF$ 0.50

RECOVERY OF PLUTONIUM FROM GRAPHITE,
RFP-598 18G U 41 15 HC$ 2.00 MF$ 0.50

THE IMPURITY ANALYSIS OF PLUTONIUM PEROXIDE AND PLUTONIUM FLUORIDE,
RFP-599 7D U 41 15 HC$ 1.00 MF$ 0.50

THIN FILM EVAPORATION RATE M-ONITOR,-
RFP-602 18D U 41 15 HC$ 2.00 MF$ 0.50

A PRECISION BACK-REFLECTION LAUE CAMERA,
RFP-636 18D U 41 15 HC$ 1.00 MF$ 0.50

LOW-ENERGY ELECTRON DIFFRACTION STUDY OF THE (100) PLANE OF A TUNGSTEN SINGLE CRYSTAL,
RFP-643 20B N 20 13 HC$ 3.00 MF$ 0.50

EVALUATION OF DIRECT READING ATTACHMENT FOR EMISSION SPECTROGRAPH,
RFP-644 18D N 20 13 HC$ 2.00 MF$ 0.50

VAPOR-DEPOSITED FILM DISTRIBUTION ON CURVED SUBSTRATE SURFACES,
RFP-647 11F U 41 15 HC$ 1.00 MF$ 0.50

IMPROVED ELECTRODELESS TOROIDAL CONDUCTIVITY ANALYZER,
RFP-657 18D U 41 15 HC$ 1.00 MF$ 0.50

CRITICAL TEMPERATURE OF PLUTONIUM-CHLORINATED SOLVENT REACTIONS,
RFP-688 7B U 41 15 HC$ 1.00 MF$ 0.50

CONDUCTANCE DEVICE FOR MONITORING THIN FILM GROWTH,
RFP-690 18D N 20 12 HC$ 1.00 MF$ 0.50

LIQUID MEDIA FOR DENSITY MEASUREMENTS OF BERYLLIUM, PLUTONIUM, AND URANIUM,
RFP-691 18J U 41 15 HC$ 2.00 MF$ 0.50

ROHM AND HAAS CO., HUNTSVILLE, ALA.
APPLICATION OF THE FINITE ELEMENT METHOD TO STRESS ANALYSIS OF SOLID PROPELLANT ROCKET GRAINS. VOLUME II, PART I.
AD-476 515 21I U 41 15 HC$10.60 MF$ 0.75

AD-476 735 21I U 41 15 HC$10.60 MF$ 0.75

ROYAL AIRCRAFT ESTABLISHMENT, FARNBOROUGH (ENGLAND).
A NEW METHOD FOR THE MEASUREMENT OF HEAT TRANSFER.
AD-634 158 20M T 66 15 HC$ 1.00 MF$ 0.50

FILLER REINFORCEMENT IN SILICONE POLYMERS. PART I. THE EFFECT OF FINELY DIVIDED MATERIALS ON LIQUID POLYMERS.
AD-634 205 11J T 66 15 HC$ 1.00 MF$ 0.50

SINGLE-STATION COVERAGE FOR EARTH-SATELLITE ORBITS.
AD-634 206 22C T 66 15 HC$ 1.00 MF$ 0.50

A STUDY OF AN ATTITUDE CONTROL SYSTEM FOR THE BLACK ARROW LAUNCHING VEHICLE.
AD-634 207 22D T 66 15 HC$ 3.00 MF$ 0.75

LOW RESOLUTION LENGTH MEASUREMENT BY A SIMPLE DIGITAL METHOD.
AD-634 218 14B T 66 15 HC$ 1.00 MF$ 0.50

A MULTI-LEVEL COUNTING EQUIPMENT FOR ANALYSING ELECTRICAL SIGNALS.
AD-634 290 14B T 66 15 HC$ 2.00 MF$ 0.50

SATELLITE MOTION IN AN AXI-SYMMETRIC FIELD, WITH AN APPLICATION TO LUNI-SOLAR PERTURBATIONS.
AD-634 291 22C T 66 15 HC$ 4.00 MF$ 0.75

RADIATION EFFECTS IN FLUOROLUBE.
AD-634 292 18H T 66 15 HC$ 1.00 MF$ 0.50

SPACE PROJECTS IN THE UNITED KINGDOM.
AD-634 570 22D T 66 15 HC$ 2.00 MF$ 0.50

THE USE OF PINS WITH FLATS TO INCREASE THE FATIGUE LIFE OF ALUMINUM ALLOY LUGS.
AD-634 571 13H T 66 15 HC$ 1.00 MF$ 0.50

INSTANTANEOUS OVERVOLTAGE PROTECTION FOR AIRCRAFT A.C. GENERATORS,
PB-169 446 1C U 41 15 HC$ 1.60 MF$ 0.50

AN INVESTIGATION INTO THE RELATIVE SPECTRAL ENERGY DISTRIBUTION OF A XENON FLASH TUBE AS A FUNCTION OF ENERGY INPUT,
PB-169 447 13A U 41 15 HC$ 1.00 MF$ 0.50

A BALLISTIC PENDULUM FOR THE MEASUREMENT OF IMPULSE PRODUCED ON A TARGET MATERIAL BY A FOCUSED LASER BEAM,
PB-169 449 20E U 41 15 HC$ 2.00 MF$ 0.50

SOME APPLICATIONS OF SYNTHESISED NEGATIVE RESISTANCE CHARACTERISTICS TO RING COUNTER DESIGN,
PB-169 451 9B U 41 15 HC$ 2.00 MF$ 0.50

SNATCH-TEARING OF FABRICS: APPARATUS, AND APPLICATION TO A LIGHT-WEIGHT FABRIC,
PB-169 452 11E U 41 15 HC$ 2.60 MF$ 0.50

AN EXPLORATORY INVESTIGATION INTO THE DEFLECTION OF THICK JETS BY THE COANDA EFFECT,
PB-169 457 20D U 41 15 HC$ 2.60 MF$ 0.50

SELF-LUBRICATING BEARING MATERIALS,
PB-169 903 11H U 41 15 HC$ 3.60 MF$ 0.50

RESONANCE EFFECTS FOR SATELLITES WITH NOMINALLY CONSTANT GROUND TRACK,
PB169 455 22C U 41 15 HC$ 2.60 MF$ 0.50

ROYAL INST. OF TECH., STOCKHOLM (SWEDEN).
AUTOMATIC CORRECTION OF ERRORS IN TEXT,
PB-170 419 5B U 41 15 HC$ 1.10 MF$ 0.50

RUTGERS - THE STATE UNIV., NEW BRUNSWICK, N. J. SCHOOL OF CERAMICS.
HONEYCOMB CERAMIC RADOME TECHNIQUES.
AD-474 285 17I U 41 15 HC$ 2.00 MF$ 0.50

SANDIA CORP., ALBUQUERQUE, N. MEX.
THE AUTOMATIC, ADAPTIVE, SERVO CONTROL FOR STOCHASTIC PROCESSES,
SCL-DC-65-112 18D U 41 15 HC$ 2.00 MF$ 0.50

CONTROLLED DEORBIT,
SC-RR-65-472 22C U 41 15 HC$ 3.00 MF$ 0.50

PROJECT SAND FINAL PROGRAM REPORT. VOLUME II. SAND FILTER-SAMPLER ANALYSIS, DEVELOPMENT, AND TESTING,
SC-RR-65-491 6R N 20 13 HC$ 2.00 MF$ 0.50

STATUS REPORT ON MAGNETICS TECHNOLOGY IN ADVANCED DATA SYSTEMS,
SC-RR-65-502 9B U 41 15 HC$ 5.00 MF$ 1.00

ROVER POSTOPERATIONAL DESTRUCT INSTRUMENTATION DEVELOPMENT,
SC-RR-65-551 21F U 41 15 HC$ 4.00 MF$ 1.00

THE COMBUSTION AND EXPLOSION OF ZIRCONIUM DROPLETS IGNITED BY FLASH HEATING,
SC-RR-65-569 7D U 41 15 HC$ 3.00 MF$ 0.75

POODLE THRUSTER AERODYNAMIC DROP TEST,
SC-RR-65-609 21F N 20 12 HC$ 5.00 MF$ 1.00

AN EXPERIMENTAL STUDY OF THE EFFECT OF OXYGEN ON TANTALUM ABLATION IN A HYPERTHERMAL PLASMA TUNNEL,
SC-RR-65-615 22C N 20 13 HC$ 3.00 MF$ 0.50

A COMPARISON OF THE RESULTS OF THE SANDIA CORPORATION TTA TRAJECTORY PROGRAM AND THE ATOMICS INTERNATIONAL RESTORE TRAJECTORY PROGRAM,
SC-RR-66-22 22C U 41 15 HC$ 3.00 MF$ 0.75

PROBABILITY DISTRIBUTIONS OF LATTICES OF REENTRY AND IMPACT FOLLOWING DECAY OF POLAR ORBITS,
SC-RR-66-41 22C U 41 15 HC$ 2.00 MF$ 0.50

SAO PAULO UNIV. (BRAZIL). SCHOOL OF MEDICINE OF RIBEIRAO PRETO.
EFFECTS OF STIMULATION OF THE CEREBELLAR CORTEX ON SPINAL MONOSYNAPTIC REFLEXES,
AD-634 554 6P T 66 15

SASKATCHEWAN UNIV., SASKATOON. DEPT. OF PHYSIOLOGY AND PHARMACOLOGY.
PRECIPITIN RESPONSE TO HUMAN SERUM BY A RABBIT POPULATION. VARIATION IN RESPONSE OF NORMAL RABBITS TO A PRIMARY SERIES OF INJECTIONS.
AD-634 142 6E T 66 15 HC$ 1.00 MF$ 0.50

SAUNDERS (W. B.) AND CO., WASHINGTON, D. C.
ECONOMIC FEASIBILITY OF ESTABLISHING A REGIONAL DISTRIBUTION CENTER IN THE GREATER WILKES-BARRE, PENNSYLVANIA AREA, ITS ECONOMIC IMPACT AND THE PHYSICAL FACILITY.
PB-170 319 5C U 41 15 HC$ 3.00 MF$ 0.75

SAVANNAH RIVER ECOLOGY LAB., AIKEN, S. C.
DEVELOPMENT OF A 137 CS FACILITY FOR ECOLOGICAL RESEARCH,
TID-22499 8F N 20 12 HC$ 2.00 MF$ 0.50

SCHJELDAHL (G. T.) CO., NORTHFIELD, MINN.
THEORETICAL STUDY AND ENGINEERING DEVELOPMENT OF JIMSPHERE WIND SENSOR.
N66-16084 4A U 41 15 HC$ 3.00 MF$ 0.75

SCHOOL OF AEROSPACE MEDICINE, BROOKS AFB, TEX.
RESPONSES TO CORIOLIS STIMULATION IN FLYING PERSONNEL WITH DIFFERENT LEVELS OF PROFICIENCY.
AD-634 406 6S T 66 15 HC$ 1.00 MF$ 0.50

PHYSIOLOGIC CHEMISTRY OF THE HUMAN ORAL SECRETIONS. TOTAL PROTEIN CONTENT OF PAROTID FLUID COLLECTED WITHOUT EXOGENOUS STIMULATION.
AD-634 574 6E T 66 15 HC$ 1.00 MF$ 0.50

PREDICTION OF EYE SAFE SEPARATION DISTANCES.
AD-634 723 15F T 66 15 HC$ 2.00 MF$ 0.50

EXPERIMENTAL ANIMAL DECOMPRESSIONS TO A NEAR-VACUUM ENVIRONMENT. EXPERIMENTAL ANIMAL DECOMPRESSIONS TO LESS THAN 2 MM. HG ABSOLUTE (PATHOLOGIC EFFECTS),
N66-14340 6C U 41 15 HC$ 2.00 MF$ 0.50

SCHOOL OF AVIATION MEDICINE, RANDOLPH AFB, TEX.
REPEATED MEASUREMENT DESIGNS, ASSUMING EQUAL VARIANCES AND COVARIANCES,
AD-634 716 6C T 66 15 HC$ 1.60 MF$ 0.50

HIGH ALTITUDE HYPOXIA OBSERVATIONS IN SEVENTY-FIVE FATAL CASES AND ANALYSIS OF THE CAUSES OF THE HYPOXIA,
PB-169 829 6S U 41 15 HC$ 3.60

SEA-SPACE SYSTEMS, INC., TORRANCE, CALIF.
MER J II BALLOON FLIGHTS: HIGH ALTITUDE BALLOON RESEARCH.
AD-634 216 1C T 66 15 HC$ 1.00 MF$ 0.50

SENSORY SYSTEMS LAB., TUCSON, ARIZ.
STUDY AND DEVELOPMENT OF MUSCLE SUBSTITUTES.
AD-634 187 6B T 66 15 HC$ 2.00 MF$ 0.50

SHIP STRUCTURE COMMITTEE, NAS-NRC, WASHINGTON, D. C.
BIENNIAL REPORT OF THE SHIP STRUCTURE COMMITTEE.
AD-461 697 13J U 41 15 HC$ 1.00

INFLUENCE OF STEEL-MAKING VARIABLES ON NOTCH TOUGHNESS,
PB-169 974 13J U 41 15 HC$ 3.60

SINGMASTER AND BREYER, NEW YORK.
FEASIBILITY STUDY OF CHEMICAL INDUSTRY IN SOUTHWESTERN PENNSYLVANIA.
PB-170 298 5C U 41 15 HC$ 5.00 MF$ 1.00

SMITHSONIAN ASTROPHYSICAL OBSERVATORY, CAMBRIDGE, MASS.
ANALYTICAL DEVELOPMENT OF THE PLANETARY DISTURBING FUNCTION ON A DIGITAL COMPUTER,
N66-14551 3B U 41 15 HC$ 3.00 MF$ 0.75

SNO-ENGINEERING, INC., FRANCONIA, N. H.
THE SKIER MARKET IN NORTHEAST NORTH AMERICA.
PB-170 222 5C U 41 15 HC$ 3.00 MF$ 0.75

SOLID STATE RDIATIONS, INC., LOS ANGELES, CALIF.
DEVELOPMENT, TESTING AND EVALUATION OF GERMANIUM NUCLEAR PARTICLE DETECTORS.
AD-634 718 18D T 66 15 HC$ 4.00 MF$ 0.75

SOUTHAMPTON UNIV. (ENGLAND).
HELICOPTER BLADE SLAP,
AD-634 644 20A T 66 15 HC$ 1.00 MF$ 0.50

SOUTHERN METHODIST UNIV., DALLAS, TEX.
HEAT TRANSFER ACROSS SURFACES IN CONTACT - PRACTICAL EFFECTS OF TRANSIENT TEMPERATURE AND PRESSURE ENVIORNMENTS.
N66-16072 20M U 41 15 HC$ 2.00 MF$ 0.50

SOUTHERN RESEARCH INST., BIRMINGHAM, ALA.
DETERIORATION OF FIBROUS MATERIALS BY ULTRAVIOLET LIGHT.
AD-405 433 11E U 41 15 HC$ 2.60

THE USE OF POLYMER UNZIPPING FOR THE DETECTION OF BIOLOGICALLY ACTIVE AGENTS.
AD-467 436 15B U 41 15 HC$ 3.60 MF$ 0.50

SOUTHWEST RESEARCH INST., SAN ANTONIO, TEX. DEPT. OF MECHANICAL SCIENCES.
AN EXPERIMENTAL PARAMETER STUDY OF THE FLUID FORCE AND MOMENT RESPONSE OF TWO TYPICAL SHIP ROLL STABILIZATION TANKS.
AD-634 730 13J T 66 15 HC$ 3.00 MF$ 0.75

SOUTHWEST RESEARCH INST., SAN ANTONIO, TEX. DEPT. OF MECHANICAL SCIENCES.
INITIAL DEVELOPMENT OF A NONLINEAR MECHANICAL MODEL FOR THE MOMENT RESPONSE OF FREE-SURFACE ROLL STABILIZATION TANKS.
AD-634 731 13J T 66 15 HC$ 3.00 MF$ 0.75

SPACE AND INFORMATION SYSTEMS DIV., NORTH AMERICAN AVIATION, INC., DOWNEY, CALIF.
A STUDY TO DEFINE A STATE-OF-THE-ART ROCKET VEHICLE SUITABLE FOR SYNOPTIC METEOROLOGICAL SOUNDINGS, VOLUME 1.
N66-14526 16C U 41 15 HC$ 4.00 MF$ 1.00

SPERRY MICROWAVE ELECTRONICS CO., CLEARWATER, FLA.
INVESTIGATION OF LARGE SIGNAL MICROWAVE EFFECTS IN FERROELECTRIC MATERIALS.
AD-634 524 11B T 66 15 HC$ 4.00 MF$ 1.00

SPERRY UTAH CO., SALT LAKE CITY.
STUDY OF PURE FLUID PHENOMENA.
N66-16075 13G U 41 15 HC$ 4.00 MF$ 0.75

SPRINGFIELD ARMORY, MASS.
ACOUSTICAL AND VISUAL ATTENUATION THROUGH DYNAMIC REGULATION OF MUZZLE GAS FLOW,
AD-634 649 19D T 66 15 HC$ 1.00 MF$ 0.50

DYNAMIC LOADING RESEARCH FOR TRANSIENT LOAD APPLICATIONS,
AD-634 666 20K T 66 15 HC$ 1.00 MF$ 0.50

SSCO STANDARDS LAB., INC., SOUTHFIELD, MICH.
UHF OSCILLATOR, MODEL 1361-A (GENERAL RADIO).
PB-170 204 14B U 41 15 HC$ 1.10 MF$ 0.50

STANFORD LINEAR ACCELERATOR CENTER, STANFORD UNIV., CALIF.
PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON MAGNET TECHNOLOGY, STANFORD LINEAR ACCELERATOR CENTER, STANFORD UNIVERSITY, STANFORD, CALIFORNIA, SEPTEMBER 8-10, 1965,
CONF-650922 20G U 41 15 HC$ 8.50 MF$ 3.50

MAGNETIC FIELD MEASUREMENT AND SPECTROSCOPY IN MULTIPOLE FIELDS,
SLAC-39 20G U 41 15 HC$ 3.00 MF$ 0.75

MAGNETIC CHARACTERISTICS OF THE ACCELERATOR QUADRUPOLE TRIPLETS,
SLAC-55 20G U 41 15 HC$ 2.00 MF$ 0.50

2-METER SPARK CHAMBER MAGNET MODEL FOR THE DETERMINATION OF FIELD DISTRIBUTION IN SPACE,
SLAC-57 20G U 41 15 HC$ 3.00 MF$ 0.75

INFINITE LADDERS AND THE ALGEBRA OF INTEGRATED CURRENT COMPONENTS,
SLAC-58 12A U 41 15 HC$ 1.00 MF$ 0.50

STANFORD RESEARCH INST., MENLO PARK, CALIF.
NOVEL MICROWAVE FILTER DESIGN TECHNIQUES.
AD-409 448 9E U 41 15 HC$ 7.60

INVESTIGATION OF THE OPERATIONAL USE OF CLOUD PHOTOGRAPHS FROM WEATHER SATELLITES IN THE NORTH PACIFIC.
AD-413 944 4B U 41 15 HC$14.60

FEASIBILITY STUDY OF THE DEVELOPMENT OF A DIGITAL COMPUTER ROUTINE FOR THE SIMULATION OF RADIO FREQUENCY BACKSCATTER FROM SPACE VEHICLES AND OF MATHEMATICAL METHODS FOR ANALYZING DIGITALIZED BACKSCATTER DATA,
AD-416 573 20N U 41 15 HC$ 4.60

BOUNDARY CONDITIONS OF THE SINO-INDIAN CONFLICT.
AD-450 405 5D U 41 15 HC$15.30

MEASUREMENTS OF VLF WAVE-FRONT COMPONENTS OVER LONG PATHS.
AD-454 896 20N U 41 15 HC$32.10

TECHNIQUES FOR DETERMINING A WORLD-WIDE CLIMATOLOGY OF TURBULENCE THROUGH USE OF METEOROLOGICAL DATA.
AD-634 154 4B T 66 15 HC$ 3.00 MF$ 0.75

RESPONSE OF A BURNING PROPELLANT SURFACE TO EROSIVE TRANSIENTS.
AD-634 296 21I T 66 15 HC$ 1.00 MF$ 0.50

TRAINING A LINEAR MACHINE ON MISLABELED PATTERNS.
AD-634 484 6D T 66 15 HC$ 4.00 MF$ 0.75

STANFORD UNIV., CALIF.
CHARGE STRUCTURE OF THE CALCIUM ISOTOPES,
AD-634 295 18B T 66 15 HC$ 2.00 MF$ 0.50

STANFORD UNIV., CALIF. SCHOOL OF ENGINEERING.
A STUDY OF THE UNIVERSITY ROLE IN ENGINEERING RESEARCH FOR NASA PARTICULARIZED TO THE STANFORD UNIVERSITY CASE.
N66-14419 5I U 41 15 HC$ 4.00 MF$ 1.00

STANFORD UNIV., CALIF. STANFORD ELECTRONICS LABS.
A TRANSISTOR AMPLIFIER WITH 500-MC BANDWIDTH.
AD-447 262 9A U 41 15 HC$ 5.60

STANFORD UNIV., CALIF. STANFORD ELECTRONICS LAB.
DIGITAL DETECTION OF BINARY CODED RADAR SIGNALS,
AD-634 564 17I T 66 15 HC$ 1.00 MF$ 0.50

STATE UNIV. OF NEW YORK, BUFFALO.
VALIDITY OF PEER NOMINATIONS IN PREDICTING A DISTANT PERFORMANCE CRITERION.
AD-634 174 5J T 66 15

STAUFFER CHEMICAL CO., RICHMOND, CALIF.
HIGH ENERGY OXIDIZERS.
AD-432 061 7B U 41 15 HC$ 1.60

STEVENS AND WILKINSON, ATLANTA, GA.
FEASIBILITY STUDY. NATURAL BRIDGE, TENNESSEE.
PB-170 217 5C U 41 15 HC$ 4.00 MF$ 0.75

STRESAU (R.) LAB., INC., SPOONER, WIS.
SMALL EXPLOSIVE TRAIN FOR MISSILE SAFETY AND ARMING DEVICE,
AD-634 446 19A T 66 15 HC$ 2.00 MF$ 0.50

SUMMER INST. OF LINGUISTICS, SANTA ANA, CALIF.
THE TRANSLATOR AS A BLACK BOX,
PB-170 420 5G U 41 15 HC$ 1.10 MF$ 0.50

SWARTHMORE COLL., PA. DEPT. OF PSYCHOLOGY.
EFFECT OF LEARNING ON THE VISUAL PERCEPTION OF DEPTH.
AD-634 542 5J T 66 15 HC$ 2.00 MF$ 0.50

SYSTEM DEVELOPMENT CORP., SANTA MONICA, CALIF.
BIBLIOGRAPHY OF PROJECT LEVIATHAN DOCUMENTS.
AD-634 586 5B T 66 15 HC$ 1.00 MF$ 0.50

NON-PROGRAM VARIABLES IN THE APPLICATION OF PROGRAMMED INSTRUCTION.
PB-169 042 5I U 41 15 HC$ 2.00 MF$ 0.50

SYSTEMS RESEARCH LABS., INC., SAN ANTONIO, TEX.
AN EMERGENCY DENTAL KIT ENCASEMENT FOR USE ON EXTRATERRESTRIAL MISSIONS,
AD-634 466 6E T 66 15 HC$ 1.00 MF$ 0.50

TECHNICAL INFORMATION AND LIBRARY SERVICES, MINISTRY OF AVIATION, LONDON (ENGLAND).
AN ANNOTATED BIBLIOGRAPHY OF PRESENTATION OF INFORMATION IN AIRCRAFT COCKPITS,
AD-634 575 1D T 66 15 HC$ 3.00 MF$ 0.75

TENNESSEE UNIV., KNOXVILLE. DEPT. OF NUCLEAR ENGINEERING.
FILM AND TRANSPIRATION COOLING OF NOZZLE THROATS.
AD-634 588 20M T 66 15 HC$ 5.00 MF$ 1.00

TENNESSEE VALLEY AUTHORITY, OAK RIDGE.
A COMPUTER CODE FOR STORING AND RETRIEVING DATA AND DEVELOPING IMPROVED SOLIDS FOR FIXATION OF HIGHLY RADIOACTIVE WASTES,
ORNL-3824 18G U 41 15 HC$ 4.00 MF$ 0.75

TEXAS AAND M RESEARCH FOUNDATION, COLLEGE STATION.
THE DETERMINATION OF EMPIRICAL AND ANALYTICAL SPACECRAFT PARAMETRIC CURVES - THEORY AND METHODS.
N66-14418 22A U 41 15 HC$ 3.00 MF$ 0.75

TEXAS UNIV., AUSTIN.
TOWARD THE DEVELOPMENT OF A MACHINE WHICH COMPREHENDS,
PB-170 497 9B U 41 15 HC$ 9.60 MF$ 0.75

TEXAS UNIV., AUSTIN. BUREAU OF ECONOMIC GEOLOGY.
ROCK AND MINERAL RESOURCES OF EAST TEXAS,
PB-170 276 5C U 41 15 HC$ 8.35 MF$ 2.25

THIOKOL CHEMICAL CORP., HUNTSVILLE, ALA.
EVALUATION OF THREE ARDE-PORTLAND CRYOGENIC STRETCHED FORMED SUBSCALE ROCKET MOTOR CASES,
AD-462 137 21H U 41 15 HC$13.60

THIOKOL CHEMICAL CORP., TRENTON, N. J.
IMPROVED POLYSULFIDE POLYMERS.
PB-169 580 11J U 41 15 HC$ 3.60

THOMAS J. WATSON RESEARCH CENTER, YORKTOWN HEIGHTS, N. Y.
TIME-SHARING ON A MULTICONSOLE COMPUTER,
AD-462 158 9B U 41 15 HC$ 2.60

TOKYO MEDICAL AND DENTAL UNIV. (JAPAN). DEPT. OF MEDICAL ZOOLOGY.
ILLUSTRATED KEYS TO ADULT FILTH FLIES OF JAPAN,
AD-634 125 6C T 66 15 HC$ 5.00 MF$ 1.00

TORONTO UNIV. (ONTARIO). INST. FOR AEROSPACE STUDIES.
THEORY OF SPHERICAL AND CYLINDRICAL LANGMUIR PROBES IN A COLLISIONLESS, MAXWELLIAN PLASMA AT REST,
AD-634 596 20I T 66 15 HC$ 6.00 MF$ 1.25

TRACOR, INC., AUSTIN, TEX.
STUDIES OF BINAURAL INTERACTION,
AD-634 344 6P T 66 15 HC$ 4.00 MF$ 0.75

TRAVELERS RESEARCH CENTER, INC., HARTFORD, CONN.
RELATIONSHIPS BETWEEN TROPICAL PRECIPITATION AND KINEMATIC CLOUD MODELS.
AD-296 036 4B U 41 15 HC$ 4.60

AD-402 766 4B U 41 15 HC$ 3.60

BALLISTIC WINDS STUDY.
AD-634 237 19D T 66 15 HC$ 3.00 MF$ 0.50

STUDIES OF TECHNIQUES FOR THE ANALYSIS AND PREDICTION OF TEMPERATURE IN THE OCEAN. PART III. AUTOMATED ANALYSIS AND PREDICTION.
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NAA-SR-11140 18J N 20 13 HC$ 3.00 MF$ 0.50
NAA-SR-11356 18D U 41 15 HC$ 4.00 MF$ 1.00
NAA-SR-11502 22C N 20 13 HC$ 4.00 MF$ 1.00
NAA-SR-11530 18K U 41 15 HC$ 3.00 MF$ 0.75
NAA-SR-11739 13H U 41 15 HC$ 3.00 MF$ 0.50
NAA-SR-11762 18D U 41 15 HC$ 2.00 MF$ 0.50
CONTRACT AT(11-1)-1195

TID-20444 20H U 41 15 HC$ 1.00 MF$ 0.50
CONTRACT AT(11-1)-135
ACNP-64568 18E U 41 15 HC$ 2.00 MF$ 0.50
CONTRACT AT(11-1)-314
COO-314-11 7C U 41 15 HC$ 1.00 MF$ 0.50
CONTRACT AT(11-1)-578
IITRI-578P22-14 18I U 41 15 HC$ 7.00 MF$ 1.50
CONTRACT AT(11-1)-589
ACNP-64015 18E U 41 15 HC$ 4.00 MF$ 1.00
ACNP-64016 18E U 41 15 HC$ 3.00 MF$ 0.75
ACNP-64601 18E U 41 15 HC$ 2.00 MF$ 0.50
CONTRACT AT(11-1)-654
ACNP-65503 18D U 41 15 HC$ 6.00 MF$ 1.50
CONTRACT AT(11-1)-69
ACRH-24 6R U 41 15 HC$ 5.00 MF$ 1.00
CONTRACT AT(20-2)-GEN-16
BNL-887 18I U 41 15 HC$ 3.00 MF$ 0.50
CONTRACT AT(26-1)-789
SC-RR-66-41 22C U 41 15 HC$ 2.00 MF$ 0.50
CONTRACT AT(29-1)-1106
RFP-491 18J N 20 12 HC$ 1.00 MF$ 0.50
RFP-516A 5B N 20 12 HC$ 2.00 MF$ 0.50
RFP-598 18G U 41 15 HC$ 2.00 MF$ 0.50
RFP-599 7D U 41 15 HC$ 1.00 MF$ 0.50
RFP-602 18D U 41 15 HC$ 2.00 MF$ 0.50
RFP-636 18D U 41 15 HC$ 1.00 MF$ 0.50
RFP-643 20B N 20 13 HC$ 3.00 MF$ 0.50
RFP-644 18D N 20 13 HC$ 2.00 MF$ 0.50
RFP-647 11F U 41 15 HC$ 1.00 MF$ 0.50
RFP-657 18D U 41 15 HC$ 1.00 MF$ 0.50
RFP-688 7B U 41 15 HC$ 1.00 MF$ 0.50
RFP-690 18D N 20 12 HC$ 1.00 MF$ 0.50
RFP-691 18J U 41 15 HC$ 2.00 MF$ 0.50
CONTRACT AT(29-1)-613
BDX-613-11 18J U 41 15 HC$ 1.00 MF$ 0.50
BDX-613-70 11I U 41 15 HC$ 1.00 MF$ 0.50
CONTRACT AT(29-1)-789
SCL-DC-65-112 18D U 41 15 HC$ 2.00 MF$ 0.50
SC-CR-66-2017 21F N 20 12 HC$ 1.00 MF$ 0.50
SC-DC-64-1154 9C U 41 15 HC$ 1.00 MF$ 0.50
SC-DC-65-1701 4A U 41 15 HC$ 3.00 MF$ 0.75
SC-DC-65-1907 1A N 20 12 HC$ 3.00 MF$ 0.50
SC-DC-65-1918 22D U 41 15 HC$ 3.00 MF$ 0.75
SC-RR-65-472 22C U 41 15 HC$ 3.00 MF$ 0.50
SC-RR-65-491 6R N 20 13 HC$ 2.00 MF$ 0.50
SC-RR-65-502 9B U 41 15 HC$ 5.00 MF$ 1.00
SC-RR-65-551 21F U 41 15 HC$ 4.00 MF$ 1.00
SC-RR-65-569 7D U 41 15 HC$ 3.00 MF$ 0.75
SC-RR-65-609 21F N 20 12 HC$ 5.00 MF$ 1.00
SC-RR-65-615 22C N 20 13 HC$ 3.00 MF$ 0.50
SC-RR-66-22 22C U 41 15 HC$ 3.00 MF$ 0.75
CONTRACT AT(29-2)-1355
ALO-1355-1 18D N 20 13 HC$ 6.00 MF$ 1.25
CONTRACT AT(30-1)-1156
NLCO-954 11F U 41 15 HC$ 3.00 MF$ 0.75
NLCO-976 18J U 41 15 HC$ 3.00 MF$ 0.75
CONTRACT AT(30-1)-1405
RMI-4 18J N 20 13 HC$ 3.00 MF$ 0.75
CONTRACT AT(30-1)-2181
NYO-2181-3 6R N 20 12 HC$ 4.00 MF$ 1.00
CONTRACT AT(30-1)-2267
NYO-10295 18I U 41 15 HC$ 2.00 MF$ 0.50
CONTRACT AT(30-1)-2581
TID-21673 18J U 41 15 HC$ 4.00 MF$ 1.00
CONTRACT AT(30-1)-2757
NYO-2757-5 18B U 41 15 HC$ 3.00 MF$ 0.75
CONTRACT AT(30-1)-2784
NMI-7263 18E U 41 15 HC$ 3.00 MF$ 0.75
CONTRACT AT(30-1)-2975
NYO-10175 18B U 41 15 HC$ 4.00 MF$ 1.00
CONTRACT AT(30-1)-3017
WCAP-6073 18I N 20 13 HC$ 4.00 MF$ 0.75
WCAP-6079 18I U 41 15 HC$ 3.00 MF$ 0.75
CONTRACT AT(30-1)-3385
WCAP-3385-6 18J U 41 15 HC$ 2.00 MF$ 0.50
CONTRACT AT(30-1)-3396
NYO-3396-3 6C U 41 15 HC$ 2.00 MF$ 0.50
CONTRACT AT(30-1)-3600
NYO-10792 18D U 41 15 HC$ 6.00 MF$ 1.25
CONTRACT AT(30-1)-905
TID-20400 7A U 41 15 HC$ 1.00 MF$ 0.50
CONTRACT AT(30-1)3335
WCAP-3385-5 18H U 41 15 HC$ 4.00 MF$ 0.75
CONTRACT AT(30-2)-GEN-16
BNL-741(REV.) 20G U 41 15 HC$ 1.00 MF$ 0.50
BNL-929 18 U 41 15 HC$ 6.00 MF$ 1.25
BNL-931 6C U 41 15 HC$ 3.00 MF$ 1.50
BNL-944 20H U 41 15 HC$ 1.00 MF$ 0.50
CONTRACT AT(31-1)-1156
NLCO-967 7B U 41 15 HC$ 1.00 MF$ 0.50
CONTRACT AT(33-1)-GEN-53
MLM-1263 9B U 41 15 HC$ 2.00 MF$ 0.50
MLM-1268 7E U 41 15 HC$ 2.00 MF$ 0.50
MLM-1297 10B U 41 15 HC$ 1.00 MF$ 0.50
CONTRACT AT(38-1)-233
AMF-338-TR-4 18I U 41 15 HC$ 6.00 MF$ 1.50
CONTRACT AT(40-1)-GEN-242
ORO-635 6R U 41 15 HC$ 5.00 MF$ 1.00
CONTRACT AT(40-1)-2513
CONF-571-37 7E U 41 15 HC$ 1.00 MF$ 0.50
CONTRACT AT(40-1)-2672
CEND/PRWRA-257 18I U 41 15 HC$ 9.00 MF$ 2.50
CONTRACT AT(40-1)-2674
CEND/PRWRA-257A 18I U 41 15 HC$ 2.00 MF$ 0.50
CONTRACT AT(40-1)-2690
FSU-2690-18 7D U 41 15 HC$ 3.00 MF$ 0.75
CONTRACT AT(40-1)-2847
GEMP-55A 18J U 41 15 HC$ 3.00 MF$ 0.75
TID-21719 18E U 41 15 HC$ 4.50 MF$ 2.75
CONTRACT AT(40-1)-3097
TID-22509 6H N 20 12 HC$ 3.00 MF$ 0.75
CONTRACT AT(40-1)-3221
TID-22350 10A N 20 12 HC$ 4.00 MF$ 1.00
CONTRACT AT(40-1)-3327
TID-22221 7A N 20 12 HC$ 2.00 MF$ 0.50
CONTRACT AT(45-1)-1350
RL-SEP-414 18I U 41 15 HC$ 1.00 MF$ 0.50
RL-SEP-824 18J N 20 12 HC$ 2.00 MF$ 0.50
CONTRACT AT(45-1)-1830
BNWL-113-12 7E U 41 15 HC$ 2.00 MF$ 0.50
BNWL-113-13 7E U 41 15 HC$ 2.00 MF$ 0.50
BNWL-113-14 7E N 20 13 HC$ 2.00 MF$ 0.50
BNWL-157 18G U 41 15 HC$ 4.00 MF$ 0.75
BNWL-187 18G U 41 15 HC$ 2.00 MF$ 0.50
BNWL-189 18I U 41 15 HC$ 4.00 MF$ 0.75
BNWL-190 11F N 20 13 HC$ 2.00 MF$ 0.50
BNWL-201 18J U 41 15 HC$ 1.00 MF$ 0.50
BNWL-202 11F N 20 13 HC$ 1.00 MF$ 0.50
BNWL-206 18I U 41 15 HC$ 3.00 MF$ 0.50
BNWL-208 13B U 41 15 HC$ 3.00 MF$ 0.75
BNWL-213 7A N 20 13 HC$ 2.00 MF$ 0.50
BNWL-234 9B N 20 13 HC$ 4.00 MF$ 0.75
BNWL-243 8G N 20 13 HC$ 1.00 MF$ 0.50
BNWL-36 7E U 41 15 HC$ 8.71 MF$ 2.00
BNWL-88 11F N 20 13 HC$ 3.00 MF$ 0.75
CONTRACT AT(45-1)-1851
RL-SEP-710 13H U 41 15 HC$ 1.00 MF$ 0.50
CONTRACT CC-5920
PB-170 254 5C U 41 15 HC$ 2.00 MF$ 0.50
PB-170 255 5C U 41 15 HC$ 2.00 MF$ 0.50
PB-170 256 5C U 41 15 HC$ 2.00 MF$ 0.50
PB-170 257 5C U 41 15 HC$ 2.00 MF$ 0.50
PB-170 260 5C U 41 15 HC$ 4.00 MF$ 0.75
PB-170 278 5C U 41 15 HC$ 2.00 MF$ 0.50
CONTRACT CC-5934
PB-170 282 5C U 41 15 HC$ 5.00 MF$ 1.00
CONTRACT CC-5976
PB-170 217 5C U 41 15 HC$ 4.00 MF$ 0.75
CONTRACT CC-6019
PB-170 316 5C U 41 15 HC$ 3.00 MF$ 0.50
CONTRACT CC-6035
PB-170 284 3C U 41 15 HC$ 4.00 MF$ 1.00
CONTRACT CC-6037
PB-170 285 5C U 41 15 HC$ 3.00 MF$ 0.75
CONTRACT CC-6085
PB-170 298 5C U 41 15 HC$ 5.00 MF$ 1.00
CONTRACT CC-6156
PB-170 335 5C U 41 15 HC$ 6.00 MF$ 1.50
CONTRACT CC-6173
PB-170 273 5C U 41 15 HC$ 3.00 MF$ 0.75
PB-170 274 5C U 41 15 HC$ 3.00 MF$ 0.75
CONTRACT CC-6178
PB-170 311 5C U 41 15 HC$ 5.00 MF$ 1.25
CONTRACT CC-6184
PB-170 320 5C U 41 15 HC$ 3.00 MF$ 0.75
CONTRACT CWB-10238
AD-413 944 4B U 41 15 HC$10.60
CONTRACT C-127-65
PB-170 340 5C U 41 15 HC$ 6.00 MF$ 1.25
CONTRACT C-15-65
PB-170 339 5C U 41 15 HC$ 3.00 MF$ 0.75
CONTRACT C-190-65(NEG)
PB-170 270 5C U 41 15 HC$ 3.00 MF$ 0.75
CONTRACT C-217-65(NEG)
PB-170 310 5C U 41 15 HC$ 5.00 MF$ 1.25
CONTRACT C-284-65(NEG)
PB-170 318 5C U 41 15 HC$ 2.00 MF$ 0.50
CONTRACT C-66473
PB-170 321 5C U 41 15 HC$ 5.00 MF$ 1.00
CONTRACT C115-65
PB-170 258 5C U 41 15 HC$ 5.00 MF$ 1.00
CONTRACT DA-01-009-AMC-39(Z)
AD-455 571 20E U 41 15 HC$ 5.60
CONTRACT DA-01-021-AMC-11536 (Z)
AD-476 515 21I U 41 15 HC$10.60 MF$ 0.75
CONTRACT DA-01-021-AMC-11651(Z)
AD-634 141 13H T 66 15 HC$ 7.00 MF$ 1.75
AD-634 192 13H T 66 15 HC$ 4.00 MF$ 0.75
AD-634 260 13H T 66 15 HC$ 3.00 MF$ 0.75
AD-634 336 13H T 66 15 HC$ 5.00 MF$ 1.00
AD-634 532 13H T 66 15 HC$ 3.00 MF$ 0.75
CONTRACT DA-01-021-AMC-11706(Z)
AD-471 647 20L U 41 15 HC$ 2.75 MF$ 1.50
AD-472 723 9A U 41 15 HC$ 1.00 MF$ 0.75
CONTRACT DA-01-021-AMC-11926(Z)
AD-466 458 21H U 41 15 HC$ 6.60 MF$ 0.75
CONTRACT DA-01-021-ORD-11919
AD-462 137 21H U 41 15 HC$13.60
CONTRACT DA-01-021-ORD-12341(Z)
AD-476 735 21I U 41 15 HC$10.60 MF$ 0.75
CONTRACT DA-04-495-ORD-3567
AD-294 869 14B U 41 15 HC$ 4.00
CONTRACT DA-18-001-AMC-312(X)
AD-455 919 17A U 41 15 HC$ 3.60
CONTRACT DA-18-035-AMC-124(A)
AD-634 374 6T T 66 15 HC$ 1.00 MF$ 0.50
CONTRACT DA-18-035-AMC-265(A)
AD-467 436 15B U 41 15 HC$ 3.60 MF$ 0.50
CONTRACT DA-18-108-AMC-142(A)
AD-634 718 18D T 66 15 HC$ 4.00 MF$ 0.75
CONTRACT DA-18-108-AMC-169
AD-470 829 7C U 41 15 HC$ 5.60 MF$ 0.50
CONTRACT DA-18-108-405-CML-788
AD-273 112 15B U 41 15 HC$ 6.60
CONTRACT DA-19-020-AMC-0077(R)
AD-634 700 20K T 66 15 HC$ 2.00 MF$ 0.50
AD-634 701 20K T 66 15 HC$ 2.00 MF$ 0.50
AD-634 702 20K T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT DA-19-020-ORD-3661
PB-169 085 11F U 41 15 HC$ 3.00 MF$ 0.75
CONTRACT DA-19-129-AMC-102(N)
AD-634 252 6H T 66 15 HC$ 3.00 MF$ 0.75

CONTRACT DA-19-129-AMC-151(N)
AD-461 425 11J U 41 15 HC$ 2.60
AD-634 143 11J T 66 15 HC$ 1.00 MF$ 0.50
AD-634 144 11J T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT DA-19-129-AMC-152(N)
AD-634 728 11J T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT DA-19-129-QM-1350
PB-169 982 6H U 41 15 HC$ 1.10
CONTRACT DA-19-129-QM-557
PB-169 580 11J U 41 15 HC$ 3.60
CONTRACT DA-27-021-ENG-5
AD-634 738 13M T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT DA-28-017-AMC-1989(A)
AD-634 600 22C T 66 15 HC$ 3.00 MF$ 0.75
CONTRACT DA-28-017-AMC-2222(A)
AD-472 135 21I U 41 15 HC$ 1.10 MF$ 0.50
CONTRACT DA-28-043-AMC-00013(E)
AD-457 197 9B U 41 15 HC$ 2.60
AD-470 360 20E U 41 15 HC$ 4.60 MF$ 0.50
AD-470 376 20E U 41 15 HC$ 3.60 MF$ 0.50
CONTRACT DA-28-043-AMC-00032(E)
AD-634 362 4B T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT DA-28-043-AMC-00039(E)
AD-478 107 9A U 41 15 HC$ 6.00 MF$ 1.50
CONTRACT DA-28-043-AMC-00042(E)
AD-634 520 9E T 66 15 HC$ 3.00 MF$ 0.75
CONTRACT DA-28-043-AMC-00073(E)
AD-634 272 12B T 66 15 HC$ 3.00 MF$ 0.75
AD-634 273 22C T 66 15 HC$ 3.00 MF$ 0.75
AD-634 309 12B T 66 15 HC$ 3.00 MF$ 0.50
AD-634 366 12B T 66 15 HC$ 3.00 MF$ 0.75
AD-634 367 12B T 66 15 HC$ 3.00 MF$ 0.75
AD-634 592 14B T 66 15 HC$ 1.00 MF$ 0.50
AD-634 593 9B T 66 15 HC$ 1.00 MF$ 0.50
AD-634 594 13K T 66 15 HC$ 1.00 MF$ 0.50
CONTRACT DA-28-043-AMC-00166(E)
AD-634 281 17B T 66 15 HC$ 3.00 MF$ 0.50
CONTRACT DA-28-043-AMC-00257(E)
AD-457 161 17B U 41 15 HC$ 5.60
CONTRACT DA-28-043-AMC-01377(E)
AD-634 237 19D T 66 15 HC$ 3.00 MF$ 0.50
CONTRACT DA-28-043-AMC-01788(E)
AD-634 488 20L T 66 15 HC$ 1.00 MF$ 0.50
CONTRACT DA-28-043-AMC-1394(E)
AD-634 491 10C T 66 15 HC$ 4.00 MF$ 0.75
CONTRACT DA-28-043-AMC00073(E)
AD-634 274 20I T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT DA-30-069-ORD-2918
AD-462 506 21I U 41 15 HC$ 2.60
CONTRACT DA-31-124-ARO(D)-265
AD-634 417 12A T 66 15
AD-634 418 12A T 66 15
AD-634 419 12A T 66 15
CONTRACT DA-33-019-AMC-273(Z)
AD-634 343 11F T 66 15 HC$ 3.00 MF$ 0.75
CONTRACT DA-36-039-AMC-00084(E)
AD-409 448 9E U 41 15 HC$ 7.60
CONTRACT DA-36-039-AMC-00149(E)
AD-444 669 9A U 41 15 HC$11.60
CONTRACT DA-36-039-AMC-01481(E)
AD-634 354 13H T 66 15 HC$ 4.00 MF$ 0.75
CONTRACT DA-36-039-AMC-02223(E)
AD-436 042 14B U 41 15 HC$ 3.00
CONTRACT DA-36-039-AMC-02278(E)
AD-451 658 17B U 41 15 HC$15.60
CONTRACT DA-36-039-AMC-02374
AD-442 635 9A U 41 15 HC$ 4.60
AD-451 775 9A U 41 15 HC$ 8.60
CONTRACT DA-36-039-AMC-03200(E)
AD-634 304 9B T 66 15 HC$ 1.00 MF$ 0.50
CONTRACT DA-36-039-AMC-03240(E)
AD-634 524 11B T 66 15 HC$ 4.00 MF$ 1.00
CONTRACT DA-36-039-AMC-03333(E)
AD-453 195 9E U 41 15 HC$20.00
AD-453 196 9E U 41 15 HC$13.60
AD-453 197 9E U 41 15 HC$11.60
CONTRACT DA-36-039-AMC-03639E
AD-634 214 9A T 66 15 HC$ 1.00 MF$ 0.50
CONTRACT DA-36-039-AMC-03700(E)
AD-455 564 10B U 41 15 HC$ 2.00
AD-461 362 10B U 41 15 HC$ 9.60
CONTRACT DA-36-039-AMC-03703(E)
AD-634 729 4A T 66 15 HC$ 3.00 MF$ 0.75
CONTRACT DA-36-039-AMC-06157(E)
AD-634 386 9A T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT DA-36-039-SC-15419
PB-169 807 17B U 41 15 HC$ 6.60
CONTRACT DA-36-039-SC-74942
PB-169 972 9C U 41 15 HC$ 7.60
CONTRACT DA-36-039-SC-78063
AD-268 358 9F U 41 15 HC$12.60
CONTRACT DA-36-039-SC-78273
PB-169 981 9C U 41 15 HC$ 1.60
CONTRACT DA-36-039-SC-81294
AD-411 558 9A U 41 15 HC$61.50
CONTRACT DA-36-039-SC-85131
AD-274 516 20L U 41 15 HC$ 1.00
CONTRACT DA-36-039-SC-85984
AD-634 151 9A T 66 15 HC$ 7.00 MF$ 1.50
CONTRACT DA-36-039-SC-87384
AD-440 424 9A U 41 15 HC$11.60
CONTRACT DA-36-039-SC-88960
AD-289 893 9A U 41 15 HC$ 2.60
AD-289 894 9A U 41 15 HC$ 2.60
AD-289 897 9A U 41 15 HC$ 4.60
AD-289 898 9A U 41 15 HC$ 2.60
AD-289 899 9A U 41 15 HC$ 2.60
CONTRACT DA-36-039-SC-89099
AD-296 036 4B U 41 15 HC$ 4.60
AD-402 766 4B U 41 15 HC$ 3.60
CONTRACT DA-36-039-SC-89151
AD-458 541 20L U 41 15 HC$ 3.80 MF$ 0.75
CONTRACT DA-36-039-SC-89211
AD-290 821 4B U 41 15 HC$ 3.60
AD-297 797 4B U 41 15 HC$ 2.60
CONTRACT DA-36-039-SC-90756
AD-294 301 9A U 41 15 HC$ 9.60
AD-409 102 9A U 41 15 HC$ 7.60
CONTRACT DA-36-039-SC-90760(E)
AD-427 305 13M U 41 15 HC$19.00
CONTRACT DA-36-039-SC-90787
AD-413 620 5B U 41 15 HC$11.60
CONTRACT DA-36-039-SC-90818
AD-410 580 9E U 41 15 HC$ 6.60
AD-443 377 9E U 41 15 HC$ 5.60
CONTRACT DA-36-039-SC-90862
AD-401 457 17B U 41 15 HC$15.60
CONTRACT DA-36-039-SC-90866
AD-296 802 10B U 41 15 HC$ 4.60
CONTRACT DA-44-009-AMC-1146(X)
AD-634 541 8E T 66 15 HC$ 4.00 MF$ 0.75
CONTRACT DA-44-009-AMC-1183(T)
AD-634 547 7A T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT DA-44-009-AMC-124(T)
AD-471 653 20F U 41 15 HC$ 2.60 MF$ 0.50
CONTRACT DA-44-009-AMC-1563(T)
AD-479 637 7A U 41 15 HC$ 1.60 MF$ 0.50
AD-479 639 7A U 41 15 HC$ 1.60 MF$ 0.50
AD-479 670 7D U 41 15 HC$ 1.60 MF$ 0.50
AD-634 515 20K T 66 15 HC$ 1.00 MF$ 0.50
AD-634 516 20C T 66 15 HC$ 1.00 MF$ 0.50
CONTRACT DA-44-009-AMC-168(T)
AD-435 788 9A U 41 15 HC$ 6.60
CONTRACT DA-44-009-AMC-723(X)
AD-467 523 11F U 41 15 HC$ 5.60 MF$ 0.50
CONTRACT DA-44-009-AMC-906(T)
AD-634 321 5B T 66 15 HC$ 8.90 MF$ 2.50
AD-634 322 5B T 66 15 HC$ 4.00 MF$ 0.75
AD-634 323 5B T 66 15 HC$ 4.00 MF$ 0.75
AD-634 324 5B T 66 15 HC$ 7.00 MF$ 1.75
CONTRACT DA-44-009-AMC-998T
AD-634 538 10B T 66 15 HC$ 3.00 MF$ 0.75
CONTRACT DA-44-009-ENG-4913
AD-416 686 9A U 41 15 HC$ 3.60
AD-430 212 9A U 41 15 HC$ 3.60
AD-430 919 9A U 41 15 HC$ 3.60
AD-439 853 9A U 41 15 HC$ 4.60
CONTRACT DA-44-177-AMC-224(T)
AD-634 525 19D T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT DA-44-188-ARO-2
AD-409 096 5I U 41 15 HC$ 5.60
AD-477 645 19F U 41 15 HC$ 2.60 MF$ 0.50
AD-634 213 5H T 66 15 HC$ 1.00 MF$ 0.50
AD-634 301 5I T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT DA-49-007-MD-993
AD-634 383 6E T 66 15 HC$ 1.00 MF$ 0.50
CONTRACT DA-49-092-ARO-10
AD-450 405 5D U 41 15 HC$15.30
CONTRACT DA-49-129-ENG-239
AD-634 468 19D T 66 15 HC$13.60 MF$ 1.00
CONTRACT DA-49-136-AMC-149(D)
AD-456 739 10B U 41 15 HC$ 5.00
CONTRACT DA-49-146-XZ-079
HASL-168 7E U 41 15 HC$ 6.00 MF$ 1.25
HASL-169 7E U 41 15 HC$ 4.00 MF$ 1.00
CONTRACT DA-49-146-XZ-152
AD-469 995 8C U 41 15 HC$19.00 MF$ 1.25
CONTRACT DA-49-186-AMC-166(X)
AD-461 088 10B U 41 15 HC$ 3.00
CONTRACT DA-49-186-AMC-95(D)
AD-634 527 13G T 66 15 HC$ 4.00 MF$ 0.75
CONTRACT DA-49-193-MD-2238
AD-634 279 6C T 66 15 HC$ 1.00 MF$ 0.50
AD-634 280 6C T 66 15 HC$ 1.00 MF$ 0.50
AD-634 355 6C T 66 15 HC$ 1.00 MF$ 0.50
CONTRACT DA-92-557-FEC-36822
AD-634 125 6C T 66 15 HC$ 5.00 MF$ 1.00
CONTRACT DCA-6
AD-447 114 17B U 41 15 HC$14.60
CONTRACT EDA-C-7-66 (NEG.)
PB-170 261 5C U 41 15 HC$ 2.00 MF$ 0.50
CONTRACT FAA-ARDS-647
AD-634 382 17G T 66 15 HC$ 6.00 MF$ 1.25
CONTRACT FA-64-WA-5186
PB-169 544 5B U 41 15 HC$12.60 MF$ 0.75
CONTRACT FA-65-WA-1385
PB-170 403 1C U 41 15 HC$ 7.60 MF$ 0.75
CONTRACT NASA ORDER DPR T-167586
N66-14340 6C U 41 15 HC$ 2.00 MF$ 0.50
CONTRACT NASA ORDER R-09-022-029
N66-14482 7D U 41 15 HC$ 2.00 MF$ 0.50
CONTRACT NASW-342
N66-16077 4A U 41 15 HC$ 3.00 MF$ 0.75
CONTRACT NASW-770
N66-15776 6A U 41 15 HC$ 3.00 MF$ 0.75
CONTRACT NASW-847
N66-14579 18J U 41 15 HC$ 3.00 MF$ 0.50
N66-14582 18J U 41 15 HC$ 3.00 MF$ 0.75
CONTRACT NAS1-1918(C)
N66-14578 14B U 41 15 HC$ 1.00 MF$ 0.50
CONTRACT NAS1-4427
N66-14526 16C U 41 15 HC$ 4.00 MF$ 1.00
CONTRACT NAS2-2102
N66-14556 6K U 41 15 HC$ 3.00 MF$ 0.75
CONTRACT NAS3-6003
N66-14376 10C U 41 15 HC$ 4.00 MF$ 1.00
CONTRACT NAS5-3318
N66-14529 9F U 41 15 HC$ 3.00 MF$ 0.50
CONTRACT NAS5-3342
N66-15732 22C U 41 15 HC$ 7.21 MF$ 2.25
CONTRACT NAS5-9035
N66-14528 9F U 41 15 HC$ 7.00 MF$ 1.75

N66-14530 9F U 41 15 HC$ 5.00 MF$ 1.00
CONTRACT NAS7-100
N66-14553 22D U 41 15 HC$ 7.93 MF$ 2.50
N66-14576 20K U 41 15 HC$ 3.00 MF$ 0.50
N66-15825 13I U 41 15 HC$ 6.00 MF$ 1.25
CONTRACT NAS7-295
N66-16378 20M U 41 15 HC$ 4.00 MF$ 0.75
CONTRACT NAS8-11158
N66-16084 4A U 41 15 HC$ 3.00 MF$ 0.75
CONTRACT NAS8-11198
N66-14527 22C U 41 15 HC$ 5.00 MF$ 1.00
CONTRACT NAS8-11480
N66-16384 20K U 41 15 HC$ 3.00 MF$ 0.75
CONTRACT NAS8-13
N66-16076 14E U 41 15 HC$ 5.00 MF$ 1.00
CONTRACT NAS8-20016
N66-14581 9B U 41 15 HC$ 3.00 MF$ 0.75
CONTRACT NAS8-20102
N66-16075 13G U 41 15 HC$ 4.00 MF$ 0.75
CONTRACT NAS8-4016
N66-16070 9F U 41 15 HC$ 6.00 MF$ 1.50
N66-16073 21H U 41 15 HC$ 5.00 MF$ 1.00
N66-16080 22D U 41 15 HC$ 5.00 MF$ 1.00
CONTRACT NBY-45819
AD-634 495 13M T 66 15 HC$ 3.00 MF$ 0.75
CONTRACT NGR-05-020-069
N66-14419 5I U 41 15 HC$ 4.00 MF$ 1.00
CONTRACT NGR-44-001-027
N66-14418 22A U 41 15 HC$ 3.00 MF$ 0.75
CONTRACT NOBSR-85271(FBM)
AD-454 896 20N U 41 15 HC$32.10
CONTRACT NOBSR-91151
AD-456 845 9E U 41 15 HC$ 3.60
CONTRACT NOBSR-91299
AD-634 393 9A T 66 15 HC$ 3.00 MF$ 0.75
CONTRACT NOBS-4791
AD-469 181 13J U 41 15 HC$ 6.00 MF$ 1.25
CONTRACT NOBS-78184
AD-634 540 5B T 66 15 HC$21.20 MF$ 1.25
CONTRACT NOBS-84321
AD-269 862 11F U 41 15 HC$ 3.60
CONTRACT NOBS-84687
AD-421 573 20L U 41 15 HC$ 9.60
CONTRACT NOBS-84714
AD-634 500 20I T 66 15 HC$16.50 MF$ 1.00
CONTRACT NOBS-84770
AD-634 241 10B T 66 15 HC$ 2.60 MF$ 0.50
CONTRACT NOBS-86068
AD-634 475 9A T 66 15 HC$ 7.60 MF$ 0.75
CONTRACT NOBS-86800
AD-634 528 20L T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT NOBS-86854
AD-634 477 10B T 66 15 HC$ 5.60 MF$ 0.50
CONTRACT NOBS-88282
AD-465 025 13H U 41 15 HC$ 3.00 MF$ 0.50
CONTRACT NOBS-92077
AD-634 747 11F T 66 15 HC$ 3.00 MF$ 0.75
CONTRACT NOBS-92285
AD-634 745 20K T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT NOBS-92558
AD-634 601 13A T 66 15 HC$ 1.00 MF$ 0.50
CONTRACT NOBS-94102
AD-634 403 13J T 66 15 HC$ 3.00 MF$ 0.50
CONTRACT NONR-1202(17)
AD-634 768 12A T 66 15 HC$ 1.00 MF$ 0.50
AD-634 769 12A T 66 15 HC$ 1.00 MF$ 0.50
AD-634 770 12A T 66 15 HC$ 1.00 MF$ 0.50
AD-634 771 12A T 66 15 HC$ 2.00 MF$ 0.50
AD-634 772 12B T 66 15 HC$ 1.00 MF$ 0.50
AD-634 773 12A T 66 15 HC$ 1.00 MF$ 0.50
AD-634 774 12A T 66 15 HC$ 1.00 MF$ 0.50
CONTRACT NONR-1228(37)
AD-634 149 13B T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT NONR-1439(04)
AD-634 576 7D T 66 15 HC$ 3.00 MF$ 0.50
CONTRACT NONR-1509(06)
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AD-634 359 4A T 66 15 HC$ 3.00 MF$ 0.75
N66-14552 20H U 41 15 HC$ 2.00 MF$ 0.50
CONTRACT NONR-1623(01)
AD-419 846 20C U 41 15 HC$ 5.60
CONTRACT NONR-1834(05)
AD-634 339 20J T 66 15 HC$ 1.00 MF$ 0.50
AD-634 340 20J T 66 15 HC$ 1.00 MF$ 0.50
CONTRACT NONR-1841(87)
AD-634 597 13B T 66 15 HC$ 4.00 MF$ 0.75
CONTRACT NONR-1858
N66-15319 3A U 41 15 HC$ 2.00 MF$ 0.50
CONTRACT NONR-1858(06)
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CONTRACT NONR-1858(07)
AD-463 888 11I U 41 15 HC$ 1.00
CONTRACT NONR-1866(07)
AD-634 148 5A T 66 15 HC$ 3.00 MF$ 0.75
CONTRACT NONR-220(50)
AD-634 287 20I T 66 15 HC$ 1.00 MF$ 0.50
CONTRACT NONR-220(58)
AD-634 186 20K T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT NONR-222(83)
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CONTRACT NONR-225(67)
AD-634 717 20G T 66 15 HC$ 2.00 MF$ 0.50
AD-634 756 20H T 66 15 HC$ 1.00 MF$ 0.50
CONTRACT NONR-233(52)
AD-634 289 6D T 66 15 HC$ 4.00 MF$ 0.75
CONTRACT NONR-233(75)
AD-634 448 5C T 66 15 HC$ 1.00 MF$ 0.50
AD-634 483 6D T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT NONR-233(87)
AD-469 073 11I U 41 15 HC$13.60 MF$ 1.00
CONTRACT NONR-2587(02)
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CONTRACT NONR-266(72)
AD-634 351 20H T 66 15 HC$ 5.00 MF$ 1.00
CONTRACT NONR-2676(00)
AD-634 539 9A T 66 15 HC$ 3.00 MF$ 0.75
CONTRACT NONR-3437(00)
AD-417 361 20I U 41 15 HC$ 6.60
CONTRACT NONR-3438(00)
AD-634 484 6D T 66 15 HC$ 4.00 MF$ 0.75
CONTRACT NONR-3472(00)
AD-634 753 1C T 66 15 HC$ 3.60 MF$ 0.50
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CONTRACT NONR-3623(00)
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AD-469 052 21B U 41 15 HC$ 5.60 MF$ 0.50
AD-477 649 14B U 41 15 HC$ 2.00 MF$ 0.50
CONTRACT NONR-3656(16)
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CONTRACT NONR-3706(00)
AD-634 238 11F T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT NONR-3723(00)
AD-634 549 6A T 66 15
CONTRACT NONR-375(14)
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CONTRACT NONR-3831(00)
AD-634 514 6D T 66 15 HC$ 8.60 MF$ 0.75
CONTRACT NONR-3866(00)
AD-418 281 10A U 41 15 HC$ 1.10
CONTRACT NONR-3925(00)
AD-634 746 20B T 66 15 HC$ 1.00 MF$ 0.50
CONTRACT NONR-3926(00)
AD-634 730 13J T 66 15 HC$ 3.00 MF$ 0.75
AD-634 731 13J T 66 15 HC$ 3.00 MF$ 0.75
CONTRACT NONR-3963(05)
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CONTRACT NONR-401(38)
AD-634 481 20L T 66 15 HC$ 3.00 MF$ 0.75
CONTRACT NONR-401(53)
AD-634 341 12A T 66 15 HC$ 4.00 MF$ 1.00
AD-634 342 12A T 66 15 HC$ 4.00 MF$ 0.75
CONTRACT NONR-4019(00)
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CONTRACT NONR-4076(00)
AD-634 733 11B T 66 15 HC$ 3.00 MF$ 0.75
CONTRACT NONR-4102(01)
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CONTRACT NONR-4131(00)
AD-442 555 20E U 41 15 HC$ 3.60
CONTRACT NONR-4193(00)
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CONTRACT NONR-4424(00)
AD-449 831 7D U 41 15 HC$ 2.60
AD-462 328 8J U 41 15 HC$ 1.00
CONTRACT NONR-4434(00)
AD-634 128 11F T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT NONR-477(15)
AD-634 734 12A T 66 15 HC$ 1.00 MF$ 0.50
CONTRACT NONR-4776(00)
AD-634 216 1C T 66 15 HC$ 1.00 MF$ 0.50
CONTRACT NONR-4786(00)
AD-634 748 14E T 66 15 HC$ 4.00 MF$ 0.75
CONTRACT NONR-4860(00)
AD-634 735 7C T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT NONR-494(00)
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AD-634 378 20A T 66 15 HC$ 1.00 MF$ 0.50
CONTRACT NONR-562(40)
AD-634 489 20K T 66 15 HC$ 1.00 MF$ 0.50
AD-634 533 20K T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT NONR-562(42)
AD-634 529 20D T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT NONR-591(10)
AD-449 958 11F U 41 15 HC$ 2.60
CONTRACT NONR-595(17)
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CONTRACT NONR-595(22)
AD-634 537 6A T 66 15 HC$ 4.00 MF$ 0.75
CONTRACT NONR-609(54)
AD-634 286 8K T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT NONR-610(06)
AD-634 356 20K T 66 15 HC$ 1.00 MF$ 0.50
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CONTRACT NONR-668(18)
AD-634 743 20D T 66 15 HC$ 5.00 MF$ 1.00
CONTRACT NONR-760(06)
AD-634 174 5J T 66 15
CONTRACT NONR-760(24)
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CONTRACT NONR-761(03)
AD-634 236 5C T 66 15 HC$ 6.00 MF$ 1.50
CONTRACT NONR-839(38)
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CONTRACT NOO-140-66-C-0403
AD-634 719 11D T 66 15 HC$ 1.00 MF$ 0.50
CONTRACT NORD-16498
AD-634 282 20D T 66 15 HC$ 3.00 MF$ 0.75
CONTRACT NORD-7386
AD-634 694 16A T 66 15 HC$ 2.60 MF$ 0.50
AD-634 759 20N T 66 15 HC$ 2.00 MF$ 0.50
PB-169 988 21D U 41 15 HC$13.60
CONTRACT NORD-9195
AD-634 758 20C T 66 15 HC$ 4.00 MF$ 0.75
CONTRACT NOW-62-0604-C
AD-464 349 8E U 41 15 HC$ 8.60

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AD-478 166 14B U 41 15 HC$ 3.00 MF$ 0.75
AD-479 217 22B U 41 15 HC$ 2.00 MF$ 0.50
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AD-634 232 20M T 66 15 HC$ 1.00 MF$ 0.50
AD-634 245 20E T 66 15 HC$ 1.00 MF$ 0.50
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CONTRACT NOW-64-0316-F
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CONTRACT NOW-64-0369-F
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CONTRACT NOW-65-0273-F
AD-634 387 20D T 66 15 HC$ 2.00 MF$ 0.50
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CONTRACT NOW-65-0340-F
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CONTRACT NOW-65-0386-F
AD-634 384 11F T 66 15 HC$ 3.00 MF$ 0.75
CONTRACT NOW-65-0407-C
AD-634 361 13H T 66 15 HC$ 4.00 MF$ 1.00
CONTRACT NSG-147-61
N66-14531 11J U 41 15 HC$ 2.00 MF$ 0.50
CONTRACT NSG-243-62
N66-14417 5A U 41 15 HC$ 1.00 MF$ 0.50
CONTRACT NSG-87-60
N66-14551 3B U 41 15 HC$ 3.00 MF$ 0.75
CONTRACT NSR-09-012-903
N66-14327 22A U 41 15 HC$ 4.00 MF$ 0.75
CONTRACT NTA-36
PB-169 571 13F U 41 15 HC$ 4.00 MF$ 0.75
CONTRACT N00014-66-C-0045
AD-634 604 11D T 66 15 HC$ 3.00 MF$ 0.75
CONTRACT N00014-66-C0022
AD-634 316 20E T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT N123(62738)31089A
AD-634 446 19A T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT N123(62861) 35056A
PB-169 996 14B U 41 15 HC$ 1.60 MF$ 0.50
CONTRACT N123(62861)35056A
PB-170 202 14B U 41 15 HC$ 1.60 MF$ 0.50
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PB-170 204 14B U 41 15 HC$ 1.10 MF$ 0.50
CONTRACT N123(62861)50267A
PB-169 989 14B U 41 15 HC$ 1.60 MF$ 0.50
CONTRACT N156-38581
AD-272 647 17H U 41 15 HC$ 2.00
PB-169 219 17H U 41 15 HC$ 2.00 MF$ 0.50
CONTRACT N228(62479)69007
AD-634 534 18H T 66 15 HC$ 4.00 MF$ 1.00
CONTRACT N60530-12065
AD-634 546 17A T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT N61339-1337
AD-634 221 5I T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT N61339-1594
AD-634 338 5I T 66 15 HC$ 3.00 MF$ 0.75
CONTRACT N61339-511
AD-634 542 5J T 66 15 HC$ 2.00 MF$ 0.50
CONTRACT N62306-1675
AD-634 255 8J T 66 15 HC$ 3.00 MF$ 0.75
CONTRACT OCD-OS-63-134
AD-634 204 15F T 66 15 HC$ 7.00 MF$ 1.50
CONTRACT OCD-PS-65-27
AD-634 565 2F T 66 15 HC$ 3.00 MF$ 0.75
CONTRACT PH-3905-5
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CONTRACT PH-43-62-129
PB-170 680 6M U 41 15 HC$ 1.00 MF$ 0.50
CONTRACT PH-43-62-839
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CONTRACT PH-43-62-841
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CONTRACT PH-43-63-1174
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CONTRACT PH-43-65-994
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CONTRACT PH4-3-65-633
PB-170 669 6E U 41 15 HC$ 1.00 MF$ 0.50
CONTRACT PH43-62-127
PB-170 682 6M U 41 15 HC$ 2.00 MF$ 0.50
CONTRACT SD-103
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CONTRACT SD-131
AD-634 579 20L T 66 15
CONTRACT T-31248-G
AD-634 315 6K T 66 15 HC$ 1.00 MF$ 0.50
CONTRACT W-14-108-ENG-8
MCW-1493 18J U 41 15 HC$ 2.00 MF$ 0.50
CONTRACT W-31-109-ENG-38
ANL-6568 11F U 41 15 HC$ 3.00 MF$ 0.75
ANL-6975 13H U 41 15 HC$ 2.00 MF$ 0.50
ANL-6981 18I U 41 15 HC$ 2.00 MF$ 0.50
ANL-6987 9B N 20 13 HC$ 3.00 MF$ 0.75
ANL-6992 7A U 41 15 HC$ 3.00 MF$ 0.75
ANL-7060 6R N 20 13 HC$ 4.00 MF$ 1.00
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ANL-7083 7B N 20 13 HC$ 4.00 MF$ 0.75
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ANL-7096 7E U 41 15 HC$ 1.00 MF$ 0.50
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ANL-7176 11B N 20 13 HC$ 4.00 MF$ 0.75
CONTRACT W-7405-ENG-26
CEX-65.03 6R U 41 15 HC$ 1.00 MF$ 0.50
KY-L258(REV-1) 18J U 41 15 HC$ 1.00 MF$ 0.50
K-1638 7D U 41 15 HC$ 2.00 MF$ 0.50
ORNL-IIC-6 18B U 41 15 HC$ 3.00 MF$ 0.75
ORNL-IIC-7 18B N 20 12 HC$ 2.00 MF$ 0.75
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ORNL-3824 18G U 41 15 HC$ 4.00 MF$ 0.75
ORNL-3844 20H U 41 15 HC$ 4.00 MF$ 1.00
ORNL-3868 18J U 41 15 HC$ 4.00 MF$ 0.75
ORNL-3874 18J U 41 15 HC$ 3.00 MF$ 0.75
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ORNL-3913 7E N 20 13 HC$ 5.00 MF$ 1.00
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ORNL-3919 12B N 20 12 HC$ 4.00 MF$ 0.75
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TID-22771 18- N 20 12 HC$ 2.50 MF$ 0.75
TID-7015 7- U 41 15 HC$ 1.75 MF$ 1.00
TID-7015 (SUPPL. 8) 7-.U 41 15 HC$ 4.00 MF$ 1.50
Y-1501 6R U 41 15 HC$ 1.00 MF$ 0.50
Y-1506 18D N 20 12 HC$ 2.00 MF$ 0.50
Y-1508 18J U 41 15 HC$ 2.00 MF$ 0.50
Y-1508 18J U 41 15 HC$ 2.00 MF$ 0.50
Y-1510 18J N 20 12 HC$ 2.00 MF$ 0.50
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Y-1532 18B N 20 13 HC$ 1.00 MF$ 0.50
CONTRACT W-7405-ENG-36
LA-1981 18H U 41 15 HC$ 2.00 MF$ 0.50
LA-3364 20M N 20 13 HC$ 3.00 MF$ 0.50
LA-3366 18H U 41 15 HC$ 3.00 MF$ 0.50
LA-3374 18H U 41 15 HC$ 2.00 MF$ 0.50
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LA-3407 9B U 41 15 HC$ 2.00 MF$ 0.50
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LA-3425 20D U 41 15 HC$ 4.00 MF$ 1.00
LA-3426 20M U 41 15 HC$ 1.00 MF$ 0.50
LA-3427 9B U 41 15 HC$ 3.00 MF$ 0.75
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LA-3443 18D U 41 15 HC$ 1.00 MF$ 0.50
LA-3446 18D U 41 15 HC$ 2.00 MF$ 0.50
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LA-3455 9B U 41 15 HC$ 2.00 MF$ 0.50
LA-3465 7B U 41 15 HC$ 1.00 MF$ 0.50
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LA-3469 7B U 41 15 HC$ 1.00 MF$ 0.50
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LA-3482 18I U 41 15 HC$ 3.00 MF$ 0.75
CONTRACT W-7405-ENG-48
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UCRL-13160 14B U 41 15 HC$ 3.00 MF$ 0.75
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UCRL-14359 7D U 41 15 HC$ 1.00 MF$ 0.50
UCRL-14403 20H N 20 12 HC$ 4.00 MF$ 1.00
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UCRL-14658 6E N 20 12 HC$ 2.00 MF$ 0.50
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UCRL-14697 20G N 20 12 HC$ 1.00 MF$ 0.50
UCRL-14702 18H N 20 13 HC$ 1.00 MF$ 0.50
UCRL-14724 18J N 20 12 HC$ 1.00 MF$ 0.50
UCRL-14739 6R U 41 15 HC$ 5.00 MF$ 1.00
UCRL-16469 20H N 20 12 HC$ 6.00 MF$ 0.75
UCRL-16480 18D U 41 15 HC$ 1.00 MF$ 0.50
UCRL-16492 6A N 20 13 HC$ 3.00 MF$ 0.75
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UCRL-16514 7D U 41 15 HC$ 2.00 MF$ 0.50
UCRL-16553 20G N 20 12 HC$ 1.00 MF$ 0.50
UCRL-16580 18- N 20 13 HC$ 6.00 MF$ 1.50
UCRL-16613 6R U 41 15 HC$ 4.00 MF$ 0.75
UCRL-7644 9B U 41 15 HC$ 4.00 MF$ 1.00
CONTRACT W-7405-ENG-82
IS-1225 9B U 41 15 HC$ 3.00 MF$ 0.75
IS-1269 18J U 41 15 HC$ 2.00 MF$ 0.50
IS-1344 7D N 20 13 HC$ 5.00 MF$ 1.00
CONTRACT W-7405-ENG-92
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BMI-1757 18B U 41 15 HC$ 2.00 MF$ 0.50
BMI-1765 11F N 20 13 HC$ 2.00 MF$ 0.50

CONTRACT NUMBER INDEX

CONTRACT 002-59-11RDI
EURAEC-37 13A U 41 15 HC$ 1.00 MF$ 0.50

CONTRACT 068-61-11RDN
EURAEC-225 20K U 41 15 HC$ 1.00 MF$ 0.50

CONTRACT 100-62-12 RDS
EURAEC-1112 18J U 41 15 HC$ 1.00 MF$ 0.50

CONTRACT 14-20-0650-1054
PB-170 293 5C U 41 15 HC$ 4.00 MF$ 1.00

CONTRACT W-7405-ENG-26TENN.
ORNL-3908 18A U 41 15 HC$ 5.00 MF$ 1.00

GRANT AF AFOSR-500-64
AD-634 705 20J T 66 15 HC$ 1.00 MF$ 0.50

GRANT AF-AFOSR-129-66
AD-634 288 20D T 66 15 HC$ 2.00 MF$ 0.50
AD-634 293 20D T 66 15 HC$ 2.00 MF$ 0.50

GRANT AF-AFOSR-347-65
AD-634 433 20K T 66 15 HC$ 1.00 MF$ 0.50

GRANT AF-AFOSR-366-63
AD-634 596 20I T 66 15 HC$ 6.00 MF$ 1.25

GRANT AF-AFOSR-444-64
AD-634 364 12A T 66 15 HC$ 3.00 MF$ 0.75

GRANT AF-AFOSR-448-63
AD-634 278 21I T 66 15 HC$ 7.00 MF$ 1.50

GRANT AF-AFOSR-500-64
AD-634 703 20J T 66 15 HC$ 1.00 MF$ 0.50
AD-634 706 20J T 66 15 HC$ 1.00 MF$ 0.50

GRANT AF-AFOSR-502-66
AD-634 581 7C T 66 15

GRANT AF-AFOSR-511-64
AD-634 555 6P T 66 15

GRANT AF-AFOSR-588-64
AD-634 430 14B T 66 15 HC$ 1.00 MF$ 0.50

GRANT AF-AFOSR-61-60
AD-634 554 6P T 66 15

GRANT AF-AFOSR-62-133
AD-634 582 6P T 66 15

GRANT AF-AFOSR-62-142
AD-634 423 7D T 66 15 HC$ 4.00 MF$ 0.75

GRANT AF-AFOSR-62-245
AD-634 399 7D T 66 15 HC$ 3.00 MF$ 0.75
AD-634 428 7D T 66 15 HC$ 1.00 MF$ 0.50

GRANT AF-AFOSR-73-66
AD-634 584 20L T 66 15

GRANT AF-AFOSR-772-65
AD-634 583 7C T 66 15

GRANT AF-AFOSR-9-64
AD-634 283 6D T 66 15 HC$ 1.00 MF$ 0.50

GRANT AF-AFOSR-9-65
AD-634 294 6D T 66 15 HC$ 1.00 MF$ 0.50

GRANT DA-ARO(D)-31-124-G579
AD-634 573 7D T 66 15

GRANT DA-ORD-31-124-61-663
AD-634 572 20B T 66 15

GRANT DRB-9551-12
AD-634 373 20D T 66 15

GRANT NSF-GB-3211
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GRANT NSF-GK-538
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GRANT NSF-GN-433
PB-170 436 5B U 41 15 HC$ 3.60 MF$ 0.50

GRANT NSF-GP-3473
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GRANT NSF-GP-414
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GRANT NSF-GU-894
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GRANT NSF-G-21976
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GRANT NSF-G-24488
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GRANT NSF-G-9391
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GRANT NSF-G20725
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GRANT NS6 235-62
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GRANT NSG-270-63
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GRANT NSG-297-63
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GRANT NSG-317-63
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GRANT NSG-609
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GRANT NSG-711
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GRANT NSG-91-60
N66-16078 20F U 41 15 HC$ 1.00 MF$ 0.50

GRANT OE-7-14-9120-249
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GRANT PHS-A-6399
PB-169 698 5B U 41 15 HC$ 1.60 MF$ 0.50

GRANT PHS-GM-11711-02
PB-169 208 6A U 41 15 HC$ 3.00 MF$ 0.75

GRANT PHS-HE-07816-02
PB-170 487 6L U 41 15 HC$ 1.00 MF$ 0.50

GRANT PHS-PH-86-62-170
PB-169 209 6E U 41 15 HC$ 1.00 MF$ 0.50

GRANT PH-43-64-529
PB-170 684 6M U 41 15 HC$ 1.00 MF$ 0.50

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7D T 66 15 HC$ 1.10 MF$ 0.50
4A T 66 15 HC$ 3.00 MF$ 0.75
20I T 66 15 HC$ 1.00 MF$ 0.50
5I T 66 15 HC$ 2.00 MF$ 0.50
20D T 66 15 HC$ 1.00 MF$ 0.50
3B T 66 15 HC$ 1.00 MF$ 0.50
9B T 66 15 HC$ 1.00 MF$ 0.50
4B T 66 15 HC$ 4.00 MF$ 0.75
6M T 66 15 HC$ 1.00 MF$ 0.50
19D T 66 15 HC$ 1.00 MF$ 0.50
11H T 66 15 HC$ 3.00 MF$ 0.75
12B T 66 15 HC$ 3.00 MF$ 0.50
5A T 66 15 HC$ 2.00 MF$ 0.50
17I T 66 15 HC$ 3.00 MF$ 0.75
7D T 66 15 HC$ 3.00 MF$ 0.75
15C T 66 15 HC$ 2.00 MF$ 0.50
5I T 66 15 HC$ 2.00 MF$ 0.50
6K T 66 15 HC$ 1.00 MF$ 0.50
20E T 66 15 HC$ 2.00 MF$ 0.50
11K T 66 15 HC$ 1.00 MF$ 0.50
20D T 66 15 HC$ 2.00 MF$ 0.50
6A T 66 15 HC$ 1.00 MF$ 0.50
5B T 66 15 HC$ 8.90 MF$ 2.50
5B T 66 15 HC$ 4.00 MF$ 0.75
5B T 66 15 HC$ 4.00 MF$ 0.75
5B T 66 15 HC$ 7.00 MF$ 1.75
9B T 66 15 HC$ 3.00 MF$ 0.75
12B T 66 15 HC$ 3.00 MF$ 0.50
20D T 66 15 HC$ 2.00 MF$ 0.50
5A T 66 15 HC$ 1.60 MF$ 0.50
5A T 66 15 HC$ 1.60 MF$ 0.50
12A T 66 15 HC$ 2.00 MF$ 0.50
13H T 66 15 HC$ 5.00 MF$ 1.00
5I T 66 15 HC$ 3.00 MF$ 0.75
20J T 66 15 HC$ 1.00 MF$ 0.50
20J T 66 15 HC$ 1.00 MF$ 0.50
12A T 66 15 HC$ 4.00 MF$ 1.00
12A T 66 15 HC$ 4.00 MF$ 0.75
11F T 66 15 HC$ 3.00 MF$ 0.75
6P T 66 15 HC$ 4.00 MF$ 0.75
20L T 66 15 HC$ 1.00 MF$ 0.50
6H T 66 15 HC$ 1.00 MF$ 0.50
6H T 66 15 HC$ 1.00 MF$ 0.50
12B T 66 15 HC$ 2.00 MF$ 0.50
8K T 66 15 HC$ 1.00 MF$ 0.50
5I T 66 15 HC$ 1.00 MF$ 0.50
20H T 66 15 HC$ 5.00 MF$ 1.00
12A T 66 15 HC$ 4.00 MF$ 0.75
5C T 66 15 HC$ 1.00 MF$ 0.50
13H T 66 15 HC$ 4.00 MF$ 0.75
6C T 66 15 HC$ 1.00 MF$ 0.50
20K T 66 15 HC$ 1.00 MF$ 0.50
20K T 66 15 HC$ 2.00 MF$ 0.50
4A T 66 15 HC$ 3.00 MF$ 0.50
4A T 66 15 HC$ 3.00 MF$ 0.75
4B T 66 15 HC$ 1.00 MF$ 0.50
13H T 66 15 HC$ 4.00 MF$ 1.00
4B T 66 15 HC$ 2.00 MF$ 0.50
7B T 66 15 HC$ 2.00 MF$ 0.50
12A T 66 15 HC$ 3.00 MF$ 0.75
12B T 66 15 HC$ 3.00 MF$ 0.75
12B T 66 15 HC$ 3.00 MF$ 0.75
9F T 66 15 HC$ 2.00 MF$ 0.50
9A T 66 15 HC$ 1.00 MF$ 0.50
9B T 66 15 HC$ 2.00 MF$ 0.50
4A T 66 15 HC$ 2.00 MF$ 0.50
20D T 66 15
6T T 66 15 HC$ 1.00 MF$ 0.50
12B T 66 15 HC$ 1.00 MF$ 0.50
5C T 66 15 HC$ 1.00 MF$ 0.50
15C T 66 15 HC$ 3.00 MF$ 0.75
20A T 66 15 HC$ 1.00 MF$ 0.50
3A T 66 15 HC$ 1.00 MF$ 0.50
8G T 66 15 HC$ 1.00 MF$ 0.50
4B T 66 15 HC$ 5.00 MF$ 1.00
17G T 66 15 HC$ 6.00 MF$ 1.25
6E T 66 15 HC$ 1.00 MF$ 0.50
11F T 66 15 HC$ 3.00 MF$ 0.75
14D T 66 15 HC$ 1.00 MF$ 0.50
9A T 66 15 HC$ 2.00 MF$ 0.50
20D T 66 15 HC$ 2.00 MF$ 0.50
10C T 66 15 HC$ 1.00 MF$ 0.50
5A T 66 15 HC$ 4.00 MF$ 1.00
22C T 66 15 HC$ 1.00 MF$ 0.50
4B T 66 15 HC$ 2.00 MF$ 0.50
13H T 66 15 HC$ 1.00 MF$ 0.50
9A T 66 15 HC$ 3.00 MF$ 0.75
20D T 66 15 HC$ 6.00 MF$ 1.50
13G T 66 15 HC$ 4.00 MF$ 0.75
20L T 66 15 HC$ 2.00 MF$ 0.50
7D T 66 15 HC$ 3.00 MF$ 0.75
5A T 66 15 HC$ 7.55 MF$ 2.00
15G T 66 15 HC$ 3.00 MF$ 0.75
11C T 66 15 HC$ 2.00 MF$ 0.50
13J T 66 15 HC$ 3.00 MF$ 0.50
20D T 66 15 HC$ 6.00 MF$ 1.25
6R T 66 15 HC$ 1.00 MF$ 0.50
6S T 66 15 HC$ 1.00 MF$ 0.50
19A T 66 15 HC$ 1.00 MF$ 0.50
7E T 66 15 HC$ 1.00 MF$ 0.50
20K T 66 15 HC$ 1.00 MF$ 0.50
12A T 66 15
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7D T 66 15 HC$ 4.00 MF$ 0.75
11K T 66 15 HC$ 1.00 MF$ 0.50
20L T 66 15 HC$ 1.00 MF$ 0.50
11I T 66 15 HC$ 2.00 MF$ 0.50
7D T 66 15 HC$ 1.00 MF$ 0.50
14B T 66 15 HC$ 1.00 MF$ 0.50
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7D T 66 15 HC$ 2.00 MF$ 0.50
7B T 66 15 HC$ 3.00 MF$ 0.50
20J T 66 15 HC$ 3.00 MF$ 0.50
19A T 66 15 HC$ 2.00 MF$ 0.50
9A T 66 15 HC$ 1.00 MF$ 0.50
5C T 66 15 HC$ 1.00 MF$ 0.50
18L T 66 15 HC$ 3.00 MF$ 0.75
6J T 66 15 HC$ 2.00 MF$ 0.50
6J T 66 15 HC$ 1.00 MF$ 0.50
6E T 66 15 HC$ 1.00 MF$ 0.50
19D T 66 15 HC$13.60 MF$ 1.00
8L T 66 15 HC$ 2.60 MF$ 0.50
13B T 66 15 HC$ 1.60 MF$ 0.50
8L T 66 15 HC$ 5.00 MF$ 1.00
8L T 66 15 HC$ 2.60 MF$ 0.50
9A T 66 15 HC$ 7.60 MF$ 0.75
10B T 66 15 HC$ 5.60 MF$ 0.50
20L T 66 15 HC$ 3.00 MF$ 0.75
6D T 66 15 HC$ 2.00 MF$ 0.50
6D T 66 15 HC$ 4.00 MF$ 0.75
20L T 66 15 HC$ 3.00 MF$ 0.75
20L T 66 15 HC$ 1.00 MF$ 0.50
20K T 66 15 HC$ 1.00 MF$ 0.50
10C T 66 15 HC$ 4.00 MF$ 0.75
18H T 66 15 HC$ 4.00 MF$ 1.00
13M T 66 15 HC$ 3.00 MF$ 0.75
20H T 66 15 HC$ 3.00 MF$ 0.75
20I T 66 15 HC$16.50 MF$ 1.00
3B T 66 15 HC$ 3.00 MF$ 0.75
1C T 66 15 HC$ 4.00 MF$ 0.75
1C T 66 15 HC$ 3.00 MF$ 0.50
14B T 66 15 HC$ 3.00 MF$ 0.75
9A T 66 15 HC$ 3.00 MF$ 0.75
18L T 66 15 HC$ 3.00 MF$ 0.75
20E T 66 15 HC$ 1.00 MF$ 0.50
5G T 66 15 HC$ 6.00 MF$ 1.25
14B T 66 15 HC$ 1.00 MF$ 0.50
5I T 66 15 HC$ 6.00 MF$ 1.25
13J T 66 15 HC$ 2.00 MF$ 0.50
14A T 66 15 HC$ 1.00 MF$ 0.50
5I T 66 15 HC$12.60 MF$ 1.00
6D T 66 15 HC$ 8.60 MF$ 0.75
20K T 66 15 HC$ 1.00 MF$ 0.50
20C T 66 15 HC$ 1.00 MF$ 0.50
20H T 66 15 HC$ 2.00 MF$ 0.50
11F T 66 15 HC$ 2.00 MF$ 0.50
6S T 66 15 HC$ 1.00 MF$ 0.50
9E T 66 15 HC$ 3.00 MF$ 0.75
20I T 66 15 HC$ 3.00 MF$ 0.75
11B T 66 15 HC$ 4.00 MF$ 1.00
19D T 66 15 HC$ 2.00 MF$ 0.50
9B T 66 15 HC$ 3.00 MF$ 0.75
13G T 66 15 HC$ 4.00 MF$ 0.75
20L T 66 15 HC$ 2.00 MF$ 0.50
20D T 66 15 HC$ 2.00 MF$ 0.50
1E T 66 15 HC$ 6.00 MF$ 1.25
8L T 66 15 HC$ 2.00 MF$ 0.50
13H T 66 15 HC$ 3.00 MF$ 0.75
20K T 66 15 HC$ 2.00 MF$ 0.50
18H T 66 15 HC$ 4.00 MF$ 1.00
17E T 66 15 HC$ 5.00 MF$ 1.00
9A T 66 15 HC$ 1.00 MF$ 0.50
6A T 66 15 HC$ 4.00 MF$ 0.75
10B T 66 15 HC$ 3.00 MF$ 0.75
9A T 66 15 HC$ 3.00 MF$ 0.75
5B T 66 15 HC$21.20 MF$ 1.25
8E T 66 15 HC$ 4.00 MF$ 0.75
5J T 66 15 HC$ 2.00 MF$ 0.50
17A T 66 15 HC$ 2.00 MF$ 0.50
7A T 66 15 HC$ 2.00 MF$ 0.50
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20L T 66 15 HC$ 2.00 MF$ 0.50
12A T 66 15 HC$ 2.00 MF$ 0.50
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1A T 66 15 HC$ 2.00 MF$ 0.50
18K T 66 15 HC$ 3.00 MF$ 0.75
17I T 66 15 HC$ 1.00 MF$ 0.50
2F T 66 15 HC$ 3.00 MF$ 0.75
22D T 66 15 HC$ 2.00 MF$ 0.50
13H T 66 15 HC$ 1.00 MF$ 0.50
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7D T 66 15 HC$ 3.00 MF$ 0.50
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13H T 66 15 HC$ 8.60 MF$ 0.75
5B T 66 15 HC$ 1.00 MF$ 0.50
13A T 66 15 HC$ 2.00 MF$ 0.50
20M T 66 15 HC$ 5.00 MF$ 1.00
5D T 66 15 HC$ 1.00 MF$ 0.50
18I T 66 15 HC$ 1.00 MF$ 0.50
20L T 66 15 HC$ 2.00 MF$ 0.50
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9B T 66 15 HC$ 1.00 MF$ 0.50
13K T 66 15 HC$ 1.00 MF$ 0.50
5I T 66 15 HC$ 1.00 MF$ 0.50
20I T 66 15 HC$ 6.00 MF$ 1.25
13B T 66 15 HC$ 4.00 MF$ 0.75
7D T 66 15 HC$ 1.10 MF$ 0.50
15G T 66 15 HC$ 1.00 MF$ 0.50
22C T 66 15 HC$ 3.00 MF$ 0.75
13A T 66 15 HC$ 1.00 MF$ 0.50

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19A T 66 15 HC$ 1.00 MF$ 0.50
17H T 66 15 HC$ 2.00 MF$ 0.50
11D T 66 15 HC$ 3.00 MF$ 0.75
13F T 66 15 HC$ 1.00 MF$ 0.50
13F T 66 15 HC$ 1.00 MF$ 0.50
11F T 66 15 HC$ 1.00 MF$ 0.50
6R T 66 15 HC$ 1.00 MF$ 0.50
6S T 66 15 HC$ 1.00 MF$ 0.50
5I T 66 15 HC$ 1.00 MF$ 0.50
13F T 66 15 HC$ 1.00 MF$ 0.50
6N T 66 15 HC$ 1.00 MF$ 0.50
13F T 66 15 HC$ 1.00 MF$ 0.50
1E T 66 15 HC$ 3.00 MF$ 0.75
5A T 66 15 HC$ 8.25 MF$ 2.25
5A T 66 15 HC$ 8.60 MF$ 2.50
7C T 66 15 HC$ 1.00 MF$ 0.50
13F T 66 15 HC$ 1.00 MF$ 0.50
11K T 66 15 HC$ 1.00 MF$ 0.50
6M T 66 15 HC$ 1.00 MF$ 0.50
18D T 66 15 HC$ 1.00 MF$ 0.50
8M T 66 15 HC$ 1.00 MF$ 0.50
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7D T 66 15 HC$ 1.00 MF$ 0.50
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15B T 66 15 HC$ 1.00 MF$ 0.50
19A T 66 15 HC$ 1.00 MF$ 0.50
20K T 66 15 HC$ 1.00 MF$ 0.50
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6S T 66 15 HC$ 1.00 MF$ 0.50
13B T 66 15 HC$ 1.00 MF$ 0.50
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20K T 66 15 HC$ 1.00 MF$ 0.50
6P T 66 15 HC$ 1.00 MF$ 0.50
8H T 66 15 HC$ 1.00 MF$ 0.50
16B T 66 15 HC$ 1.00 MF$ 0.50
6E T 66 15 HC$ 1.00 MF$ 0.50
9A T 66 15 HC$ 1.00 MF$ 0.50
7B T 66 15 HC$ 1.00 MF$ 0.50
19A T 66 15 HC$ 1.00 MF$ 0.50
6E T 66 15 HC$ 1.00 MF$ 0.50
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20L T 66 15 HC$ 1.00 MF$ 0.50
6T T 66 15 HC$ 1.00 MF$ 0.50
6S T 66 15 HC$ 1.00 MF$ 0.50
20K T 66 15 HC$ 1.00 MF$ 0.50
19D T 66 15 HC$ 1.00 MF$ 0.50
4B T 66 15 HC$ 1.00 MF$ 0.50
7E T 66 15 HC$ 1.00 MF$ 0.50
6T T 66 15 HC$ 1.00 MF$ 0.50
6A T 66 15 HC$ 1.00 MF$ 0.50
6O T 66 15 HC$ 1.00 MF$ 0.50
20E T 66 15 HC$ 1.00 MF$ 0.50
20K T 66 15 HC$ 1.00 MF$ 0.50
6O T 66 15 HC$ 1.00 MF$ 0.50
20F T 66 15 HC$ 1.00 MF$ 0.50
13F T 66 15 HC$ 1.00 MF$ 0.50
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19A T 66 15 HC$ 1.00 MF$ 0.50
16D T 66 15 HC$ 1.00 MF$ 0.50
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19E T 66 15 HC$ 1.00 MF$ 0.50
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18D T 66 15 HC$ 1.00 MF$ 0.50
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14B T 66 15 HC$ 1.00 MF$ 0.50
13H T 66 15 HC$ 1.00 MF$ 0.50
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9E T 66 15 HC$ 1.00 MF$ 0.50
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18C T 66 15 HC$ 1.00 MF$ 0.50
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7E T 66 15 HC$ 1.00 MF$ 0.50
16A T 66 15 HC$ 2.60 MF$ 0.50
4B T 66 15 HC$ 1.00 MF$ 0.50
4B T 66 15 HC$ 2.00 MF$ 0.50
11F T 66 15 HC$ 6.00 MF$ 1.25
5C T 66 15 HC$ 3.00 MF$ 0.50
14B T 66 15 HC$ 2.00 MF$ 0.50
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20K T 66 15 HC$ 2.00 MF$ 0.50
20K T 66 15 HC$ 2.00 MF$ 0.50
20J T 66 15 HC$ 1.00 MF$ 0.50
4A T 66 15 HC$ 1.00 MF$ 0.50
20J T 66 15 HC$ 1.00 MF$ 0.50
20J T 66 15 HC$ 1.00 MF$ 0.50
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20D T 66 15
7D T 66 15 HC$ 1.10 MF$ 0.50
6C T 66 15 HC$ 1.60 MF$ 0.50
20G T 66 15 HC$ 2.00 MF$ 0.50

AD-634 718 18D T 66 15 HC$ 4.00 MF$ 0.75
AD-634 719 11D T 66 15 HC$ 1.00 MF$ 0.50
AD-634 720 15E T 66 15 HC$ 3.00 MF$ 0.75
AD-634 721 20H T 66 15 HC$ 1.00 MF$ 0.50
AD-634 722 20D T 66 15 HC$ 3.00 MF$ 0.75
AD-634 723 15F T 66 15 HC$ 2.00 MF$ 0.50
AD-634 724 7D T 66 15 HC$ 2.00 MF$ 0.50
AD-634 725 20L T 66 15 HC$ 1.00 MF$ 0.50
AD-634 726 4B T 66 15 HC$ 3.00 MF$ 0.75
AD-634 727 4B T 66 15 HC$ 3.00 MF$ 0.75
AD-634 728 11J T 66 15 HC$ 2.00 MF$ 0.50
AD-634 729 4A T 66 15 HC$ 3.00 MF$ 0.75
AD-634 730 13J T 66 15 HC$ 3.00 MF$ 0.75
AD-634 731 13J T 66 15 HC$ 3.00 MF$ 0.75
AD-634 732 20K T 66 15 HC$ 2.00 MF$ 0.50
AD-634 733 11B T 66 15 HC$ 3.00 MF$ 0.75
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AD-634 736 20D T 66 15 HC$ 3.00 MF$ 0.50
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AD-634 738 13M T 66 15 HC$ 2.00 MF$ 0.50
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AD-634 740 20C T 66 15 HC$ 4.00 MF$ 0.75
AD-634 741 15F T 66 15 HC$ 1.00 MF$ 0.50
AD-634 742 17I T 66 15 HC$ 1.00 MF$ 0.50
AD-634 743 20D T 66 15 HC$ 5.00 MF$ 1.00
AD-634 744 9A T 66 15 HC$ 3.00 MF$ 0.50
AD-634 745 20K T 66 15 HC$ 2.00 MF$ 0.50
AD-634 746 20B T 66 15 HC$ 1.00 MF$ 0.50
AD-634 747 11F T 66 15 HC$ 3.00 MF$ 0.75
AD-634 748 14E T 66 15 HC$ 4.00 MF$ 0.75
AD-634 752 4B T 66 15 HC$ 2.00 MF$ 0.50
AD-634 753 1C T 66 15 HC$ 3.60 MF$ 0.50
AD-634 754 1C T 66 15 HC$ 5.60 MF$ 0.75
AD-634 755 12A T 66 15 HC$ 1.00 MF$ 0.50
AD-634 756 20H T 66 15 HC$ 1.00 MF$ 0.50
AD-634 757 4B T 66 15 HC$ 3.00 MF$ 0.75
AD-634 758 20C T 66 15 HC$ 4.00 MF$ 0.75
AD-634 759 20N T 66 15 HC$ 2.00 MF$ 0.50
AD-634 760 4B T 66 15 HC$ 2.00 MF$ 0.50
AD-634 761 9C T 66 15 HC$ 1.00 MF$ 0.50
AD-634 762 9A T 66 15 HC$ 1.00 MF$ 0.50
AD-634 763 9A T 66 15 HC$ 1.00 MF$ 0.50
AD-634 764 9E T 66 15 HC$ 3.00 MF$ 0.75
AD-634 765 1C T 66 15 HC$ 4.00 MF$ 0.75
AD-634 766 6E T 66 15 HC$ 3.00 MF$ 0.75
AD-634 767 20I T 66 15 HC$ 4.00 MF$ 1.00
AD-634 768 12A T 66 15 HC$ 1.00 MF$ 0.50
AD-634 769 12A T 66 15 HC$ 1.00 MF$ 0.50
AD-634 770 12A T 66 15 HC$ 1.00 MF$ 0.50
AD-634 771 12A T 66 15 HC$ 2.00 MF$ 0.50
AD-634 772 12B T 66 15 HC$ 1.00 MF$ 0.50
AD-634 773 12A T 66 15 HC$ 1.00 MF$ 0.50
AD-634 774 12A T 66 15 HC$ 1.00 MF$ 0.50
AD-634 775 4A T 66 15 HC$ 2.00 MF$ 0.50
AD-634 776 11K T 66 15 HC$ 1.00 MF$ 0.50
AD132 203
PB-169 580 11J U 41 15 HC$ 3.60
AD230 074
PB-169 657 7D U 41 15 HC$ 4.60
AD231 884
PB-169 981 9C U 41 15 HC$ 1.60
AD235 586
PB-169 982 6H U 41 15 HC$ 1.10
AD235 768
PB-169 808 6A U 41 15 HC$61.20
AD237 126
PB-169 972 9C U 41 15 HC$ 7.60
AEC-TR-6520 7E U 41 15 HC$ 7.32 MF$ 2.00
AEC-WT-727
AD-634 468 19D T 66 15 HC$13.60 MF$ 1.00
AEDC-TR-66-78
AD-634 587 13A T 66 15 HC$ 2.00 MF$ 0.50
AEDC-TR-66-88
AD-634 588 20M T 66 15 HC$ 5.00 MF$ 1.00
AED-R-2621
TID-22350 10A N 20 12 HC$ 4.00 MF$ 1.00
AERDL-T-1825-66,
AD-479 670 7D U 41 15 HC$ 1.60 MF$ 0.50
AERDL-T-1827-66,
AD-479 639 7A U 41 15 HC$ 1.60 MF$ 0.50
AERDL-T-1828-66,
AD-479 637 7A U 41 15 HC$ 1.60 MF$ 0.50
AERDL-T-1841-66,
AD-634 515 20K T 66 15 HC$ 1.00 MF$ 0.50
AERDL-T-1848-66,
AD-634 516 20C T 66 15 HC$ 1.00 MF$ 0.50
AERODYNAMICS RESEARCH-176
AD-446 228 14B U 41 15 HC$ 5.60
AERODYNAMICS RESEARCH-260
AD-634 767 20I T 66 15 HC$ 4.00 MF$ 1.00
AEROSPACE/MECHANICAL SCI-751
AD-634 278 21I T 66 15 HC$ 7.00 MF$ 1.50
AEROSPACE/MECHANICAL SCI-770
AD-634 276 21I T 66 15 HC$ 3.00 MF$ 0.75
AERO-1076
AD-455 149 14B U 41 15 HC$ 3.60
AERO-1103
AD-634 736 20D T 66 15 HC$ 3.00 MF$ 0.50
AERO-1109
AD-634 562 1A T 66 15 HC$ 2.00 MF$ 0.50
AFAL-TR-66-139
AD-634 187 6B T 66 15 HC$ 2.00 MF$ 0.50
AFCRL 66-158
AD-634 311 17I T 66 15 HC$ 3.00 MF$ 0.75
AFCRL-AFSG-175
AD-634 775 9A T 66 15 HC$ 2.00 MF$ 0.50
AFCRL-IP-91
AD-634 155 9E T 66 15 HC$ 2.00 MF$ 0.50
AFCRL-PHSRP-215
AD-634 764 9E T 66 15 HC$ 3.00 MF$ 0.75
AFCRL-PSRP-211
AD-634 147 9D T 66 15 HC$ 2.00 MF$ 0.50
AFCRL-PSRP-220
AD-634 268 20H T 66 15
AFCRL-SR-45
AD-634 765 1C T 66 15 HC$ 4.00 MF$ 0.75
AFCRL-64-673
AD-447 260 9A U 41 15 HC$ 2.60
AFCRL-66-100
AD-634 155 9E T 66 15 HC$ 2.00 MF$ 0.50
AFCRL-66-176
AD-634 185 20C T 66 15 HC$ 3.00 MF$ 0.75
AFCRL-66-222
AD-634 445 20J T 66 15 HC$ 3.00 MF$ 0.50
AFCRL-66-226
AD-634 398 20L T 66 15 HC$ 2.00 MF$ 0.50
AFCRL-66-229
AD-634 775 4A T 66 15 HC$ 2.00 MF$ 0.50
AFCRL-66-235
AD-634 147 9D T 66 15 HC$ 2.00 MF$ 0.50
AFCRL-66-243
AD-634 764 9E T 66 15 HC$ 3.00 MF$ 0.75
AFCRL-66-249
AD-634 150 20N T 66 15 HC$ 3.00 MF$ 0.75
AFCRL-66-253
AD-634 564 17I T 66 15 HC$ 1.00 MF$ 0.50
AFCRL-66-254
AD-634 297 20N T 66 15 HC$ 3.00 MF$ 0.75
AFCRL-66-271
AD-634 256 20H T 66 15 HC$ 3.00 MF$ 0.75
AFCRL-66-284
AD-634 312 7D T 66 15 HC$ 3.00 MF$ 0.75
AFCRL-66-291
AD-634 268 20H T 66 15
AFCRL-66-301
AD-634 299 4A T 66 15 HC$ 3.00 MF$ 0.75
AFCRL-66-309
AD-634 765 1C T 66 15 HC$ 4.00 MF$ 0.75
AFCRL-66-338
AD-634 305 4B T 66 15 HC$ 4.00 MF$ 0.75
AFCRL-66-355
AD-634 154 4B T 66 15 HC$ 3.00 MF$ 0.75
AFCRL-66-432
AD-634 725 20L T 66 15 HC$ 1.00 MF$ 0.50
AFCRL-66-51
AD-634 240 20N T 66 15 HC$ 4.00 MF$ 0.75
AFML-TR-64-417
AD-634 363 7B T 66 15 HC$ 2.00 MF$ 0.50
AFML-TR-65-382
AD-477 816 11D U 41 15 HC$28.80 MF$ 1.50
AFOSR-2315
AD-279 464 5D U 41 15 HC$ 6.60
AFOSR-2317
AD-279 919 5D U 41 15 HC$ 3.60
AFOSR-66-0502
AD-634 433 20K T 66 15 HC$ 1.00 MF$ 0.50
AFOSR-66-0650
AD-634 146 20D T 66 15 HC$ 2.00 MF$ 0.50
AFOSR-66-0651
AD-634 254 20D T 66 15 HC$ 3.00 MF$ 0.75
AFOSR-66-0720
AD-634 437 7D T 66 15 HC$ 2.00 MF$ 0.50
AFOSR-66-0855
AD-634 277 21I T 66 15 HC$ 7.00 MF$ 1.25
AFOSR-66-0936
AD-634 293 20D T 66 15 HC$ 2.00 MF$ 0.50
AFOSR-66-0937
AD-634 278 21I T 66 15 HC$ 7.00 MF$ 1.50
AFOSR-66-0938
AD-634 296 21I T 66 15 HC$ 1.00 MF$ 0.50
AFOSR-66-0939
AD-634 276 21I T 66 15 HC$ 3.00 MF$ 0.75
AFOSR-66-0940
AD-634 288 20D T 66 15 HC$ 2.00 MF$ 0.50
AFOSR-66-0942
AD-634 253 20I T 66 15 HC$ 2.00 MF$ 0.50
AFOSR-66-0952
AD-634 399 7D T 66 15 HC$ 3.00 MF$ 0.75
AFOSR-66-0954
AD-634 583 7C T 66 15
AFOSR-66-0955
AD-634 430 14B T 66 15 HC$ 1.00 MF$ 0.50
AFOSR-66-0956
AD-634 283 6D T 66 15 HC$ 1.00 MF$ 0.50
AFOSR-66-0957
AD-634 428 7D T 66 15 HC$ 1.00 MF$ 0.50
AFOSR-66-0958
AD-634 423 7D T 66 15 HC$ 4.00 MF$ 0.75
AFOSR-66-0960
AD-634 555 6P T 66 15
AFOSR-66-0982
AD-634 581 7C T 66 15
AFOSR-66-0983
AD-634 578 7D T 66 15
AFOSR-66-0984
AD-634 584 20L T 66 15
AFOSR-66-0985
AD-634 579 20L T 66 15
AFOSR-66-0989
AD-634 554 6P T 66 15
AFOSR-66-0994
AD-634 582 6P T 66 15
AFOSR-66-1091
AD-634 294 6D T 66 15 HC$ 1.00 MF$ 0.50
AFWL-TR-65-175
AD-634 493 18H T 66 15 HC$ 4.00 MF$ 1.00
AFWL-TR-65-94
AD-634 740 20C T 66 15 HC$ 4.00 MF$ 0.75
AGC-2950
AD-634 525 19D T 66 15 HC$ 2.00 MF$ 0.50
AGN-TM-412 18F U 41 15 HC$ 4.00 MF$ 0.75

AIP/DRP UDC-2
PB-170 436 5B U 41 15 HC$ 3.60 MF$ 0.50
ALO-1355-1 18D N 20 13 HC$ 6.00 MF$ 1.25
AMC-RA-RR-TR-64-18
AD-455 960 20J U 41 15 HC$ 1.60
AMC-RA-RR-TR-65-9
AD-468 281 4B U 41 15 HC$ 4.60 MF$ 0.50
AMC-RS-TR-65-4
AD-465 312 1A U 41 15 HC$ 4.60 MF$ 0.50
AMC-66-3
AD-634 600 22C T 66 15 HC$ 3.00 MF$ 0.75
AMD-CR-01-4-66
AD-634 766 6E T 66 15 HC$ 3.00 MF$ 0.75
AMF-338-TR-4 18I U 41 15 HC$ 6.00 MF$ 1.50
AMRA-TR-66-12
AD-634 136 21H T 66 15 HC$ 2.00 MF$ 0.50
AMRL-TR-65-175
AD-634 315 6K T 66 15 HC$ 1.00 MF$ 0.50
AM-65-22
PB-169 872 5I U 41 15 HC$ 1.60 MF$ 0.50
AM-65-26
PB-169 870 6N U 41 15 HC$ 2.60 MF$ 0.50
AM-65-27
PB-169 871 6P U 41 15 HC$ 1.10 MF$ 0.50
ANL-6568 11F U 41 15 HC$ 3.00 MF$ 0.75
ANL-6975 13H U 41 15 HC$ 2.00 MF$ 0.50
ANL-6981 18I U 41 15 HC$ 2.00 MF$ 0.50
ANL-6987 9B N 20 13 HC$ 3.00 MF$ 0.75
ANL-6992 7A U 41 15 HC$ 3.00 MF$ 0.75
ANL-7060 6R N 20 13 HC$ 4.00 MF$ 1.00
ANL-7077 18J U 41 15 HC$ 2.00 MF$ 0.50
ANL-7083 7B N 20 13 HC$ 4.00 MF$ 0.75
ANL-7094 18J U 41 15 HC$ 2.00 MF$ 0.50
ANL-7096 7E U 41 15 HC$ 1.00 MF$ 0.50
ANL-7108 18D N 20 13 HC$ 4.00 MF$ 0.75
ANL-7110 18K U 41 15 HC$ 7.22 MF$ 2.00
ANL-7113 7D U 41 15 HC$ 1.00 MF$ 0.50
ANL-7121 9C U 41 15 HC$ 1.00 MF$ 0.50
ANL-7130 20H U 41 15 HC$ 4.75 MF$ 2.00
ANL-7139 6R N 20 13 HC$ 1.00 MF$ 0.50
ANL-7152 18D U 41 15 HC$ 4.00 MF$ 0.75
ANL-7176 11B N 20 13 HC$ 4.00 MF$ 0.75
APJ-283-2
AD-634 753 1C T 66 15 HC$ 3.60 MF$ 0.50
APJ-283-3
AD-634 754 1C T 66 15 HC$ 5.60 MF$ 0.75
ARA-315-7
AD-634 403 13J T 66 15 HC$ 3.00 MF$ 0.50
ARL-TDR-64-2
AD-430 655 6C U 41 15 HC$ 2.60
ARL-TR-66-10
AD-634 152 6C T 66 15 HC$ 3.00 MF$ 0.75
ARL-66-0048
AD-634 708 7D T 66 15
ARL-66-0052
AD-634 518 11F T 66 15 HC$ 2.00 MF$ 0.50
ARL-66-0058
AD-634 558 20L T 66 15 HC$ 2.00 MF$ 0.50
ARL-66-0060-PT-4
AD-634 521 20I T 66 15 HC$ 3.00 MF$ 0.75
ARL-66-0061
AD-634 517 20H T 66 15 HC$ 2.00 MF$ 0.50
ARL-66-0081
AD-634 713 20D T 66 15
ARL-66-0119
AD-634 724 7D T 66 15 HC$ 2.00 MF$ 0.50
ARMA-CR-64-04/2
AD-634 343 11F T 66 15 HC$ 3.00 MF$ 0.75
AROD-1176:28
AD-634 572 20B T 66 15
AROD-4885:1
AD-634 573 7D T 66 15
AROD-5075:5
AD-634 417 12A T 66 15
AROD-5075:6
AD-634 418 12A T 66 15
AROD-5075:7
AD-634 419 12A T 66 15
ARPA-E7
AD-441 383 20B U 41 15 HC$ 1.00
AR-65-10
AD-634 401 15G T 66 15 HC$ 3.00 MF$ 0.75
ASD-TDR-62-583
AD-289 611 6K U 41 15 HC$ 6.00
ASD-TDR-63-57
AD-405 433 11E U 41 15 HC$ 2.60
ASE-1244
AD-634 299 4A T 66 15 HC$ 3.00 MF$ 0.75
ASRL-TR-136 1
AD-634 433 20K T 66 15 HC$ 1.00 MF$ 0.50
AS-66-2
AD-634 288 20D T 66 15 HC$ 2.00 MF$ 0.50
AS-66-4
AD-634 293 20D T 66 15 HC$ 2.00 MF$ 0.50
ATD-66-41
AD-634 377 15C T 66 15 HC$ 3.00 MF$ 0.75
BALLISTIC RESEARCH-120
AD-447 153 14B U 41 15 HC$ 2.60
BDX-613-11 18J U 41 15 HC$ 1.00 MF$ 0.50
BDX-613-70 11I U 41 15 HC$ 1.00 MF$ 0.50
BMI-1754 18J U 41 15 HC$ 2.00 MF$ 0.50
BMI-1757 18B U 41 15 HC$ 2.00 MF$ 0.50
BMI-1765 11F N 20 13 HC$ 2.00 MF$ 0.50
BNL-741(REV.) 20G U 41 15 HC$ 1.00 MF$ 0.50
BNL-887 18I U 41 15 HC$ 3.00 MF$ 0.50
BNL-929 1B U 41 15 HC$ 6.00 MF$ 1.25
BNL-931 6C U 41 15 HC$ 3.00 MF$ 1.50
BNL-944 20H U 41 15 HC$ 1.00 MF$ 0.50
BNL-949 7E U 41 15 HC$ 3.00 MF$ 0.75
BNWL-113-12 7E U 41 15 HC$ 2.00 MF$ 0.50
BNWL-113-13 7E U 41 15 HC$ 2.00 MF$ 0.50
BNWL-113-14 7E N 20 13 HC$ 2.00 MF$ 0.50
BNWL-157 18G U 41 15 HC$ 4.00 MF$ 0.75
BNWL-187 18G U 41 15 HC$ 2.00 MF$ 0.50
BNWL-189 18I U 41 15 HC$ 4.00 MF$ 0.75
BNWL-190 11F N 20 13 HC$ 2.00 MF$ 0.50
BNWL-201 18J U 41 15 HC$ 1.00 MF$ 0.50
BNWL-202 11F N 20 13 HC$ 1.00 MF$ 0.50
BNWL-206 18I U 41 15 HC$ 3.00 MF$ 0.50
BNWL-208 13B U 41 15 HC$ 3.00 MF$ 0.75
BNWL-213 7A N 20 13 HC$ 2.00 MF$ 0.50
BNWL-234 9B N 20 13 HC$ 4.00 MF$ 0.75
BNWL-243 8G N 20 13 HC$ 1.00 MF$ 0.50
BNWL-36 7E U 41 15 HC$ 8.71 MF$ 2.00
BNWL-88 11F N 20 13 HC$ 3.00 MF$ 0.75
BN-450
AD-634 559 12A T 66 15 HC$ 2.60 MF$ 0.50
BN-453
AD-634 537 6A T 66 15 HC$ 4.00 MF$ 0.75
BRL-MR-1298
PB-169 979 19A U 41 15 HC$ 3.60
BRL-MR-1734
AD-634 599 15G T 66 15 HC$ 1.00 MF$ 0.50
BRL-TN-1587
AD-634 603 17H T 66 15 HC$ 2.00 MF$ 0.50
BRL-TN-1599
AD-634 504 14B T 66 15 HC$ 3.00 MF$ 0.75
BRN-17-P
AD-477 649 14B U 41 15 HC$ 2.00 MF$ 0.50
BSCP-21-65
PB-169 208 6A U 41 15 HC$ 3.00 MF$ 0.75
BSCP-5-62
PB-169 558 5B U 41 15 HC$ 1.60 MF$ 0.50
BSR-903
N66-14553 22D U 41 15 HC$ 7.93 MF$ 2.50
BUMBLEBEE-122
AD-634 759 20N T 66 15 HC$ 2.00 MF$ 0.50
BUMBLEBEE-139
AD-634 758 20C T 66 15 HC$ 4.00 MF$ 0.75
BUSHIPS TRANS-984
AD-634 397 13G T 66 15 HC$ 4.00 MF$ 0.75
CAL-AF-2022-A-1
AD-634 437 7D T 66 15 HC$ 2.00 MF$ 0.50
CCL-162
AD-438 940 11K U 41 15 HC$ 1.60
CCL-188
AD-473 571 11C U 41 15 HC$ 3.60 MF$ 0.50
CCL-193
AD-634 776 11K T 66 15 HC$ 1.00 MF$ 0.50
CCL-197
AD-634 156 11C T 66 15 HC$ 2.00 MF$ 0.75
CCL-200-PT-2
AD-634 138 11C T 66 15 HC$ 0.50 MF$ 0.50
CCL-201
AD-634 317 11K T 66 15 HC$ 1.00 MF$ 0.50
CEA-R-28806
PB-169 889 20H U 41 15 HC$ 5.60 MF$ 0.50
CEA-R-2887
PB-170 541 7E U 41 15 HC$12.60 MF$ 0.75
CEA-R-2889
PB-169 359 18K U 41 15 HC$ 3.60 MF$ 0.50
CEA-R-2896
PB-169 352 9B U 41 15 HC$ 2.60 MF$ 0.50
CEA-R-2929
PB-169 888 20G U 41 15 HC$ 1.60 MF$ 0.50
CEA-R-2938
PB-169 893 6F U 41 15 HC$ 4.60 MF$ 0.50
CEA-R-2991
PB-169 890 18D U 41 15 HC$ 5.60 MF$ 0.50
CEA-R-2997
PB-169 891 7E U 41 15 HC$ 3.60 MF$ 0.50
CEA-R-3004
PB-170 558 18J U 41 15 HC$ 2.60 MF$ 0.50
CEND/PRWRA-257 18I U 41 15 HC$ 9.00 MF$ 2.50
CEND/PRWRA-257A 18I U 41 15 HC$ 2.00 MF$ 0.50
CEX-65.03 6R U 41 15 HC$ 1.00 MF$ 0.50
CISE-R-20
EURAEC-37 13A U 41 15 HC$ 1.00 MF$ 0.50
CM-103-3
AD-462 506 21I U 41 15 HC$ 2.60
COA-MEMO-M/P-73
AD-634 575 1D T 66 15 HC$ 3.00 MF$ 0.75
COMMUNICATIONS 60-62
AD-634 501 3B T 66 15 HC$ 3.00 MF$ 0.75
CONF-571-37 7E U 41 15 HC$ 1.00 MF$ 0.50
CONF-650217 18I U 41 15 HC$ 1.75 MF$ 1.00
CONF-650608-1
BDX-613-70 11I U 41 15 HC$ 1.00 MF$ 0.50
CONF-650665
BNL-931 6C U 41 15 HC$ 3.00 MF$ 1.50
CONF-650922 20G U 41 15 HC$ 8.50 MF$ 3.50
CONF-650960
ORNL-IIC-7 16B N 20 12 HC$ 2.00 MF$ 0.75
CONF-651043
ANL-7130 20H U 41 15 HC$ 4.75 MF$ 2.00
CONF-651064
BNL-949 7E U 41 15 HC$ 3.00 MF$ 0.75
CONF-793-3
SC-DC-64-1154 9C U 41 15 HC$ 1.00 MF$ 0.50
COO-1195-61
AD-634 721 20H T 66 15 HC$ 1.00 MF$ 0.50
COO-314-11 7C U 41 15 HC$ 1.00 MF$ 0.50
CP-2-65-R-1
PB-169 686 5B U 41 15 HC$ 1.00 MF$ 0.50
CRREL-SR-99
AD-634 738 13M T 66 15 HC$ 2.00 MF$ 0.50
CR-25
AD-634 282 20D T 66 15 HC$ 3.00 MF$ 0.75
CR-64-419-12
AD-447 114 17B U 41 15 HC$14.60
CU-253
AD-634 351 20H T 66 15 HC$ 5.00 MF$ 1.00

DASA-1678
AD-469 995 8C U 41 15 HC$19.00 MF$ 1.25
DATA REPT. NO. 22
AD-634 349 8K T 66 15 HC$ 1.00 MF$ 0.50
DCR-161
AD-634 722 20D T 66 15 HC$ 3.00 MF$ 0.75
DGS-64
AD-634 240 20N T 66 15 HC$ 4.00 MF$ 0.75
DIT-160-6
N66-16071 20K U 41 15 HC$ 3.00 MF$ 0.50
DPH-65-1
AD-457 925 5A U 41 15 HC$ 8.60
DP-1015 18B U 41 15 HC$ 2.00 MF$ 0.50
DP-1022 7A U 41 15 HC$ 1.00 MF$ 0.50
DP-1034 7E U 41 15 HC$ 1.00 MF$ 0.50
DP-834 18D U 41 15 HC$ 1.00 MF$ 0.50
DP-949 18H U 41 15 HC$ 2.00 MF$ 0.50
DP-994 18J U 41 15 HC$ 1.00 MF$ 0.50
DP-996 11F N 20 13 HC$ 2.00 MF$ 0.50
DRL-538
AD-634 282 20D T 66 15 HC$ 3.00 MF$ 0.75
DR-19
AD-634 360 4B T 66 15 HC$ 1.00 MF$ 0.50
DR-24
AD-634 760 4B T 66 15 HC$ 2.00 MF$ 0.50
DR-26
AD-634 695 4B T 66 15 HC$ 1.00 MF$ 0.50
DR-34
AD-634 696 4B T 66 15 HC$ 2.00 MF$ 0.50
DR-35
AD-634 752 4B T 66 15 HC$ 2.00 MF$ 0.50
DR-39
AD-634 757 4B T 66 15 HC$ 3.00 MF$ 0.75
DTMB 2175
AD-634 736 20D T 66 15 HC$ 3.00 MF$ 0.50
DTMB-2169
AD-634 560 13J T 66 15 HC$ 2.00 MF$ 0.50
DTMB-2177
AD-634 511 13J T 66 15 HC$ 2.00 MF$ 0.50
DTMB-2187
AD-634 699 14B T 66 15 HC$ 2.00 MF$ 0.50
DTMB-2201
AD-634 562 1A T 66 15 HC$ 2.00 MF$ 0.50
D-910092-4
N66-14579 18J U 41 15 HC$ 3.00 MF$ 0.50
D-910099-2
N66-14582 18J U 41 15 HC$ 3.00 MF$ 0.75
DI-82-0505
AD-634 335 12A T 66 15 HC$ 2.00 MF$ 0.50
DI-82-0508
AD-634 235 14B T 66 15 HC$ 2.00 MF$ 0.50
DI-82-0522
AD-634 263 26I T 66 15 HC$ 1.00 MF$ 0.50
DI-82-0526
AD-634 261 20D T 66 15 HC$ 2.00 MF$ 0.50
DI-82-0531
AD-634 303 3B T 66 15 HC$ 1.00 MF$ 0.50
DI-82-0534
AD-634 262 4A T 66 15 HC$ 1.00 MF$ 0.50
D2280421-011
AD-294 781 17B U 41 15 HC$ 2.60
D3-6961
AD-634 404 20D T 66 15 HC$ 6.00 MF$ 1.25
D3-6961-1
AD-634 396 20D T 66 15 HC$ 6.00 MF$ 1.50
D3-6961-2
AD-634 387 20D T 66 15 HC$ 2.00 MF$ 0.50
ECOM 03703-10
AD-634 729 4A T 66 15 HC$ 3.00 MF$ 0.75
ECOM-00032-3
AD-634 362 4B T 66 15 HC$ 2.00 MF$ 0.50
ECOM-00042-F
AD-634 520 9E T 66 15 HC$ 3.00 MF$ 0.75
ECOM-00166-6
AD-634 281 17B T 66 15 HC$ 3.00 MF$ 0.50
ECOM-01377-3
AD-634 237 19D T 66 15 HC$ 3.00 MF$ 0.50
ECOM-01394-3
AD-634 491 10C T 66 15 HC$ 4.00 MF$ 0.75
ECOM-01708-2
AD-634 488 20L T 66 15 HC$ 1.00 MF$ 0.50
ECOM-2697
AD-634 447 9A T 66 15 HC$ 1.00 MF$ 0.50
ECOM-2699
AD-634 761 9C T 66 15 HC$ 1.00 MF$ 0.50
ECOM-2709
AD-634 385 14D T 66 15 HC$ 1.00 MF$ 0.50
ECOM-2715
AD-634 762 9A T 66 15 HC$ 1.00 MF$ 0.50
ECOM-2716
AD-634 763 9A T 66 15 HC$ 1.00 MF$ 0.50
EES SERIES-62
PB-170 487 6L U 41 15 HC$ 1.00 MF$ 0.50
EG/G-B-2288
AD-447 126 6G U 41 15 HC$ 7.60
EPT-3
AD-634 720 15E T 66 15 HC$ 3.00 MF$ 0.75
ERDL-998T-2
AD-634 538 10B T 66 15 HC$ 3.00 MF$ 0.75
ER-13727
AD-469 181 13J U 41 15 HC$ 6.00 MF$ 1.25
ER-3246
AD-427 305 13H U 41 15 HC$19.00
ESD TDR-63-578
AD-433 757 17I U 41 15 HC$ 1.60
ESD TR-66-209
AD-634 536 9A T 66 15 HC$ 1.00 MF$ 0.50
ESD-TR-66-203
AD-634 233 8K T 66 15 HC$ 8.60 MF$ 0.75
ESD-TR-66-212
AD-634 251 9B T 66 15 HC$ 1.00 MF$ 0.50
ESD-TR-66-289
AD-634 371 9B T 66 15 HC$ 2.00 MF$ 0.50
ESD-TR-66-83
AD-634 372 4A T 66 15 HC$ 2.00 MF$ 0.50
ESD-TR-66-95
AD-634 390 22C T 66 15 HC$ 1.00 MF$ 0.50
EURAEC-1112 18J U 41 15 HC$ 1.00 MF$ 0.50
EURAEC-1465
WCAP-3385-5 18H U 41 15 HC$ 4.00 MF$ 0.75
EURAEC-1534
WCAP-3385-6 18J U 41 15 HC$ 2.00 MF$ 0.50
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LMSC-8-26-65-1
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MEL-278/66
AD-634 183 11F T 66 15 HC$ 2.00 MF$ 0.50
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MISCELLANEOUS PUB-3
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NOLTR-62-47
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OR-8327
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PA-TR-3391
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PLASTEC NOTE-11
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PROFESSIONAL PAPER-3-66
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REPT. OF INVESTIGATIONS-54
PB-170 276 5C U 41 15 HC$ 8.35 MF$ 2.25
RFP-491 18J N 20 12 HC$ 1.00 MF$ 0.50
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RFP-598 18G U 41 15 HC$ 2.00 MF$ 0.50
RFP-599 7D U 41 15 HC$ 1.00 MF$ 0.50
RFP-602 18D U 41 15 HC$ 2.00 MF$ 0.50
RFP-636 18D U 41 15 HC$ 1.00 MF$ 0.50
RFP-643 20B N 20 13 HC$ 3.00 MF$ 0.50
RFP-644 18D N 20 13 HC$ 2.00 MF$ 0.50
RFP-647 11F U 41 15 HC$ 1.00 MF$ 0.50
RFP-657 18D U 41 15 HC$ 1.00 MF$ 0.50
RFP-688 7B U 41 15 HC$ 1.00 MF$ 0.50
RFP-690 18D N 20 12 HC$ 1.00 MF$ 0.50
RFP-691 18J U 41 15 HC$ 2.00 MF$ 0.50
RLT-TR-86
AD-463 880 11I U 41 15 HC$ 1.00
RL-SEP-414 18I U 41 15 HC$ 1.00 MF$ 0.50
RL-SEP-710 13H U 41 15 HC$ 1.00 MF$ 0.50
RL-SEP-824 18J N 20 12 HC$ 2.00 MF$ 0.50
RMI-4 18J N 20 13 HC$ 3.00 MF$ 0.75
RM-2244
PB-169 657 7D U 41 15 HC$ 4.60
RM-2454
PB-170 537 5C U 41 15 HC$ 9.60
RM-4010
AD-432 323 5C U 41 15 HC$ 3.00
RM-4666-PR
AD-634 191 1B T 66 15 HC$ 3.00 MF$ 0.75
RM-4755-1-PR
AD-634 348 12B T 66 15 HC$ 2.00 MF$ 0.50
RM-4873-PR
AD-634 257 20J T 66 15 HC$ 2.00 MF$ 0.50
RM-4917-PR
AD-634 698 5C T 66 15 HC$ 3.00 MF$ 0.50
RPE-TR-65/11
AD-634 219 7D T 66 15 HC$ 1.00 MF$ 0.50
RP-P-221
AD-634 204 15F T 66 15 HC$ 7.00 MF$ 1.50
RR-2
AD-634 399 7D T 66 15 HC$ 3.00 MF$ 0.75
RR-3
AD-634 423 7D T 66 15 HC$ 4.00 MF$ 0.75
RR-4
AD-634 430 14B T 66 15 HC$ 1.00 MF$ 0.50
RSIC 502
AD-634 532 13H T 66 15 HC$ 3.00 MF$ 0.75
RSIC-[illegible]
AD-634 260 13H T 66 15 HC$ 3.00 MF$ 0.75
RSIC-381
AD-464 777 20L U 41 15 HC$ 2.25
RSIC-416
AD-471 647 20L U 41 15 HC$ 2.75 MF$ 1.50
RSIC-420
AD-634 141 13H T 66 15 HC$ 7.00 MF$ 1.75
RSIC-424
AD-472 407 13G U 41 15 HC$ 2.75 MF$ 1.25
RSIC-445
AD-472 738 9A U 41 15 HC$ 1.00 MF$ 0.75
RSIC-471
AD-634 192 13H T 66 15 HC$ 4.00 MF$ 0.75
RSIC-484
AD-634 336 13H T 66 15 HC$ 5.00 MF$ 1.00
RSIC-547
AD-634 302 20D T 66 15 HC$ 1.00 MF$ 0.50
RSLR-64-9-1
AD-634 446 19A T 66 15 HC$ 2.00 MF$ 0.50
R-288
AD-634 309 12B T 66 15 HC$ 3.00 MF$ 0.50
R-291
AD-634 366 12B T 66 15 HC$ 3.00 MF$ 0.75
R-294
AD-634 272 12B T 66 15 HC$ 3.00 MF$ 0.75
R-295
AD-634 273 22C T 66 15 HC$ 3.00 MF$ 0.75

R-296
AD-634 593 9B T 66 15 HC$ 1.00 MF$ 0.50
R-298
AD-634 274 20I T 66 15 HC$ 2.00 MF$ 0.50
R-299
AD-634 592 14B T 66 15 HC$ 1.00 MF$ 0.50
R-301
AD-634 367 12B T 66 15 HC$ 3.00 MF$ 0.75
R-302
AD-634 594 13K T 66 15 HC$ 1.00 MF$ 0.50
R-65-20
PB-169 850 5A U 41 15 HC$ 3.00 MF$ 0.75
SAM-TDR-64-36
AD-449 479 6S U 41 15 HC$ 2.60
SAM-TR-65-48
N66-14340 6C U 41 15 HC$ 2.00 MF$ 0.50
SAM-TR-66-28
AD-634 142 6E T 66 15 HC$ 1.00 MF$ 0.50
SAM-TR-66-30
AD-634 574 6E T 66 15 HC$ 1.00 MF$ 0.50
SAM-TR-66-32
AD-634 405 6R T 66 15 HC$ 1.00 MF$ 0.50
SAM-TR-66-34
AD-634 466 6E T 66 15 HC$ 1.00 MF$ 0.50
SAM-TR-66-36
AD-634 406 6S T 66 15 HC$ 1.00 MF$ 0.50
SAN-575-12 6K N 20 12 HC$ 7.38 MF$ 2.00
SAO-SPECIAL REPT.-164
N66-14551 3B U 41 15 HC$ 3.00 MF$ 0.75
SCIENTIFIC-1
AD-634 154 4B T 66 15 HC$ 3.00 MF$ 0.75
SCIENTIFIC-12
AD-634 725 20L T 66 15 HC$ 1.00 MF$ 0.50
SCIENTIFIC-18
AD-634 240 20N T 66 15 HC$ 4.00 MF$ 0.75
SCIENTIFIC-2
AD-634 564 17I T 66 15 HC$ 1.00 MF$ 0.50
SCIENTIFIC-29
AD-634 253 20I T 66 15 HC$ 2.00 MF$ 0.50
SCIENTIFIC-3
AD-634 297 20N T 66 15 HC$ 3.00 MF$ 0.75
SCIENTIFIC-5
AD-634 445 20J T 66 15 HC$ 3.00 MF$ 0.50
SCIENTIFIC-6
AD-634 724 7D T 66 15 HC$ 2.00 MF$ 0.50
SCL-DC-65-112 18D U 41 15 HC$ 2.00 MF$ 0.50
SC-CR-66-2017 21F N 20 12 HC$ 1.00 MF$ 0.50
SC-DC-64-1154 9C U 41 15 HC$ 1.00 MF$ 0.50
SC-DC-65-1701 4A U 41 15 HC$ 3.00 MF$ 0.75
SC-DC-65-1907 1A N 20 12 HC$ 3.00 MF$ 0.50
SC-DC-65-1918 22D U 41 15 HC$ 3.00 MF$ 0.75
SC-RR-65-472 22C U 41 15 HC$ 3.00 MF$ 0.50
SC-RR-65-491 6R N 20 13 HC$ 2.00 MF$ 0.50
SC-RR-65-502 9B U 41 15 HC$ 5.00 MF$ 1.00
SC-RR-65-551 21F U 41 15 HC$ 4.00 MF$ 1.00
SC-RR-65-569 7D U 41 15 HC$ 3.00 MF$ 0.75
SC-RR-65-609 21F N 20 12 HC$ 5.00 MF$ 1.00
SC-RR-65-615 22C N 20 13 HC$ 3.00 MF$ 0.50
SC-RR-66-22 22C U 41 15 HC$ 3.00 MF$ 0.75
SC-RR-66-41 22C U 41 15 HC$ 2.00 MF$ 0.50
SID-65-411-1A
N66-14526 16C U 41 15 HC$ 4.00 MF$ 1.00
SJ-220-0048-9
AD-634 524 11B T 66 15 HC$ 4.00 MF$ 1.00
SLAC-39 20G U 41 15 HC$ 3.00 MF$ 0.75
SLAC-55 20G U 41 15 HC$ 2.00 MF$ 0.50
SLAC-57 20G U 41 15 HC$ 3.00 MF$ 0.75
SLAC-58 12A U 41 15 HC$ 1.00 MF$ 0.50
SPEC-507
PB-170 735 13B U 41 15 HC$ 8.10 MF$ 2.25
SRDS RD-66-4
AD-634 382 17G T 66 15 HC$ 6.00 MF$ 1.25
SRL-64-2
AD-447 904 22C U 41 15 HC$ 5.60
SRS-304
PB-169 656 20K U 41 15 HC$ 3.00 MF$ 0.75
SR-2
AD-456 739 10B U 41 15 HC$ 5.00
SR-31
AD-634 469 8L T 66 15 HC$ 2.60 MF$ 0.50
SR-56
AD-634 470 13B T 66 15 HC$ 1.60 MF$ 0.50
SR-69-4/66/21/2M
PB-170 302 5C U 41 15 HC$ 3.00 MF$ 0.75
SR-80
AD-634 471 8L T 66 15 HC$ 5.00 MF$ 1.00
SSC 168
AD-465 025 13H U 41 15 HC$ 3.00 MF$ 0.50
SSC-128
PB-169 974 13J U 41 15 HC$ 3.60
SSC-139
AD-269 862 11F U 41 15 HC$ 3.60
SSS-6013
AD-634 216 1C T 66 15 HC$ 1.00 MF$ 0.50
SS-2
N66-15778 7D U 41 15 HC$ 3.00 MF$ 0.75
STL-372-14(1) 20D U 41 15 HC$ 5.00 MF$ 1.00
SU-SEL-64-054
AD-447 262 9A U 41 15 HC$ 5.60
SU-SEL-66-001
AD-634 564 17I T 66 15 HC$ 1.00 MF$ 0.50
S-76-VOL-2-PT-1
AD-476 515 21I U 41 15 HC$10.60 MF$ 0.75
S-76-VOL-2-PT-2
AD-476 735 21I U 41 15 HC$10.60 MF$ 0.75
TECHNICAL MEMO. TM-4-64
AD-449 417 19G U 41 15 HC$ 6.60
T6-230-T-467
AD-634 231 20E T 66 15 HC$ 1.00 MF$ 0.50
T6-230-T465
AD-634 248 20E T 66 15 HC$ 1.00 MF$ 0.50
T6-230-T475
AD-634 246 20E T 66 15 HC$ 1.00 MF$ 0.50
T6-230-T476
AD-634 245 20E T 66 15 HC$ 1.00 MF$ 0.50
T6-230-T480
AD-634 232 20M T 66 15 HC$ 1.00 MF$ 0.50
T6-370-7
PB-169 988 21D U 41 15 HC$13.60
T6-471
AD-634 694 16A T 66 15 HC$ 2.60 MF$ 0.50
T6-505-REV
AD-424 483 22C U 41 15 HC$ 7.60
T6-529
AD-447 561 7D U 41 15 HC$ 3.60
T6-653
AD-464 349 8E U 41 15 HC$ 8.60
T6-730
AD-476 286 22B U 41 15 HC$ 5.00 MF$ 1.00
T6-734
AD-478 166 14B U 41 15 HC$ 3.00 MF$ 0.75
T6-811
AD-479 217 22B U 41 15 HC$ 2.00 MF$ 0.50
T6230-T474
AD-634 247 20E T 66 15 HC$ 1.00 MF$ 0.50
TID-11295 (PT. 1, 4TH ED.) 18J U 41 15 HC$ 5.00 MF$ 1.00
TID-20400 7A U 41 15 HC$ 1.00 MF$ 0.50
TID-20444 20H U 41 15 HC$ 1.00 MF$ 0.50
TID-21288 18E U 41 15 HC$ 2.00 MF$ 0.50
TID-21596 18E U 41 15 HC$ 1.00 MF$ 0.50
TID-21673 18J U 41 15 HC$ 4.00 MF$ 1.00
TID-21719 18E U 41 15 HC$ 4.50 MF$ 2.75
TID-22221 7A N 20 12 HC$ 2.00 MF$ 0.50
TID-22330 18I U 41 15 HC$ 1.25 MF$ 1.25
TID-22350 10A N 20 12 HC$ 4.00 MF$ 1.00
TID-22424 11F U 41 15 HC$ 2.00 MF$ 0.50
TID-22499 8F N 20 12 HC$ 2.00 MF$ 0.50
TID-22509 6H N 20 12 HC$ 3.00 MF$ 0.75
TID-22703 5H U 41 15 HC$ 1.00 MF$ 0.75
TID-22771 18- N 20 12 HC$ 2.50 MF$ 0.75
TID-4204 6R N 20 13 HC$ 5.50 MF$ 2.25
TID-4577 5B U 41 15 HC$ 1.00 MF$ 0.75
TID-6506(PT. 2, 3RD ED.) 18J U 41 15 HC$ 3.00 MF$ 0.75
TID-7015 7- U 41 15 HC$ 1.75 MF$ 1.00
TID-7015 (SUPPL. 8) 7- U 41 15 HC$ 4.00 MF$ 1.50
TID-85(5TH REV.) 5B N 20 13 HC$ 4.00 MF$ 1.00
TIL-S/T-MEMO-3/66
AD-634 575 1D T 66 15 HC$ 3.00 MF$ 0.75
TM-15-65
AD-634 455 18L T 66 15 HC$ 3.00 MF$ 0.75
TM-1685
AD-468 333 21B U 41 15 HC$ 2.60 MF$ 0.50
TM-2176/201/00
PB-169 042 5I U 41 15 HC$ 2.00 MF$ 0.50
TM-3-66
AD-634 456 6J T 66 15 HC$ 2.00 MF$ 0.50
TM-4-66
AD-634 457 6J T 66 15 HC$ 1.00 MF$ 0.50
TM-66-3
AD-634 507 20E T 66 15 HC$ 1.00 MF$ 0.50
TM-983/000/02
AD-634 586 5B T 66 15 HC$ 1.00 MF$ 0.50
TN-1
AD-634 288 20D T 66 15 HC$ 2.00 MF$ 0.50
TN-1966-29
AD-634 233 8K T 66 15 HC$ 8.60 MF$ 0.75
TN-3
AD-634 293 20D T 66 15 HC$ 2.00 MF$ 0.50
TOR-269(4307)-1
AD-460 974 5B U 41 15 HC$ 4.60
TRACOR-66-311-U
AD-634 344 6P T 66 15 HC$ 4.00 MF$ 0.75
TRANSLATION-2003
AD-634 275 20D T 66 15 HC$ 2.00 MF$ 0.50
TRANSLATION-2067
AD-634 242 8C T 66 15 HC$ 5.00 MF$ 1.00
TRANSLATION-2142
AD-634 228 7D T 66 15 HC$ 1.00 MF$ 0.50
TRANSLATION-2143
AD-634 307 19D T 66 15 HC$ 1.00 MF$ 0.50
TRANSLATION-2145
AD-634 161 20E T 66 15 HC$ 1.00 MF$ 0.50
TRANSLATION-2149
AD-634 598 7D T 66 15 HC$ 1.10 MF$ 0.50
TRANSLATION-2150
AD-634 298 7D T 66 15 HC$ 1.10 MF$ 0.50
TRANSLATION-2162
AD-634 590 18I T 66 15 HC$ 1.00 MF$ 0.50
TRANSLATION-2198
AD-634 229 20I T 66 15 HC$ 1.00 MF$ 0.50
TRANS-2141
AD-634 308 11H T 66 15 HC$ 3.00 MF$ 0.75
TR-BRN-7-P
AD-413 377 20K U 41 15 HC$ 2.60
TR-R-197-ADD
AD-634 201 11C T 66 15 HC$ 1.60 MF$ 0.50
TR-1
AD-416 573 20N U 41 15 HC$ 4.60
AD-634 149 13B T 66 15 HC$ 2.00 MF$ 0.50
AD-634 356 20K T 66 15 HC$ 1.00 MF$ 0.50
AD-634 529 20D T 66 15 HC$ 2.00 MF$ 0.50
TR-105
AD-634 150 20N T 66 15 HC$ 3.00 MF$ 0.75
TR-11
AD-462 328 8J U 41 15 HC$ 1.00
TR-13
AD-634 489 20K T 66 15 HC$ 1.00 MF$ 0.50
TR-1321
AD-634 509 14B T 66 15 HC$ 1.00 MF$ 0.50
TR-15
AD-634 238 11F T 66 15 HC$ 2.00 MF$ 0.50
AD-634 481 20L T 66 15 HC$ 3.00 MF$ 0.75

TR-16-65
AD-634 391 4B T 66 15 HC$ 2.00 MF$ 0.50
TR-177
AD-443 779 4B U 41 15 HC$ 2.60
TR-1820-1
AD-447 262 9A U 41 15 HC$ 5.60
TR-2
AD-634 357 20K T 66 15 HC$ 2.00 MF$ 0.50
AD-634 730 13J T 66 15 HC$ 3.00 MF$ 0.75
TR-20
AD-634 597 13B T 66 15 HC$ 4.00 MF$ 0.75
TR-201
PB-169 571 13F U 41 15 HC$ 4.00 MF$ 0.75
TR-23
AD-449 958 11F U 41 15 HC$ 2.60
TR-29
AD-634 576 7D T 66 15 HC$ 3.00 MF$ 0.50
AD-634 734 12A T 66 15 HC$ 1.00 MF$ 0.50
TR-3
AD-449 831 7D U 41 15 HC$ 2.60
AD-634 286 8K T 66 15 HC$ 2.00 MF$ 0.50
AD-634 341 12A T 66 15 HC$ 4.00 MF$ 1.00
AD-634 700 20K T 66 15 HC$ 2.00 MF$ 0.50
AD-634 731 13J T 66 15 HC$ 3.00 MF$ 0.75
TR-3-530
AD-450 631 8M U 41 15 HC$ 5.60
TR-3-664
AD-452 177 1B U 41 15 HC$ 4.60
TR-31
AD-634 287 20I T 66 15 HC$ 1.00 MF$ 0.50
TR-3202
AD-461 271 20K U 41 15 HC$ 3.00
TR-322
AD-422 444 20C U 41 15 HC$ 5.60
TR-326
AD-422 500 20J U 41 15 HC$ 2.60
TR-36
AD-634 153 9E T 66 15 HC$ 3.00 MF$ 0.75
TR-4
AD-634 342 12A T 66 15 HC$ 4.00 MF$ 0.75
TR-42
AD-634 496 20H T 66 15 HC$ 3.00 MF$ 0.75
TR-4320-3
AD-450 405 5D U 41 15 HC$15.30
TR-452
AD-634 304 9B T 66 15 HC$ 1.00 MF$ 0.50
TR-491
PB-169 983 18D U 41 15 HC$ 5.60
TR-5
AD-634 345 20L T 66 15 HC$ 1.00 MF$ 0.50
AD-634 701 20K T 66 15 HC$ 2.00 MF$ 0.50
TR-521
AD-634 703 20J T 66 15 HC$ 1.00 MF$ 0.50
TR-524
AD-634 704 4A T 66 15 HC$ 1.00 MF$ 0.50
TR-525
AD-634 705 20J T 66 15 HC$ 1.00 MF$ 0.50
TR-532
AD-634 706 20J T 66 15 HC$ 1.00 MF$ 0.50
TR-6
AD-634 186 20K T 66 15 HC$ 2.00 MF$ 0.50
AD-634 702 20K T 66 15 HC$ 2.00 MF$ 0.50
AD-634 746 20B T 66 15 HC$ 1.00 MF$ 0.50
TR-6-635
AD-450 625 18F U 41 15 HC$ 7.60
TR-65042
PB-169 447 13A U 41 15 HC$ 1.00 MF$ 0.50
TR-65146
PB-169 446 1C U 41 15 HC$ 1.60 MF$ 0.50
TR-65176
PB-169 449 20E U 41 15 HC$ 2.00 MF$ 0.50
TR-65208
PB-169 451 9B U 41 15 HC$ 2.00 MF$ 0.50
TR-65213
PB-169 903 11H U 41 15 HC$ 3.60 MF$ 0.50
TR-65214
PB-169 452 11E U 41 15 HC$ 2.60 MF$ 0.50
TR-65232
PB169 455 22C U 41 15 HC$ 2.60 MF$ 0.50
TR-65235
PB-169 457 20D U 41 15 HC$ 2.60 MF$ 0.50
TR-65267
AD-634 218 14B T 66 15 HC$ 1.00 MF$ 0.50
TR-65270
AD-634 207 22D T 66 15 HC$ 3.00 MF$ 0.75
TR-65297
AD-634 290 14B T 66 15 HC$ 2.00 MF$ 0.50
TR-66
AD-634 768 12A T 66 15 HC$ 1.00 MF$ 0.50
TR-66-3
PB-169 465 4B U 41 15 HC$ 3.00 MF$ 0.50
TR-66-4
AD-634 745 20K T 66 15 HC$ 2.00 MF$ 0.50
TR-66-6
AD-634 301 5I T 66 15 HC$ 2.00 MF$ 0.50
TR-66015
AD-634 571 13H T 66 15 HC$ 1.00 MF$ 0.50
TR-66018
AD-634 291 22C T 66 15 HC$ 4.00 MF$ 0.75
TR-66024
AD-634 292 18H T 66 15 HC$ 1.00 MF$ 0.50
TR-66029
AD-634 206 22C T 66 15 HC$ 1.00 MF$ 0.50
TR-66040
AD-634 158 20H T 66 15 HC$ 1.00 MF$ 0.50
TR-66058
AD-634 570 22D T 66 15 HC$ 2.00 MF$ 0.50
TR-66061-PT-1
AD-634 205 11J T 66 15 HC$ 1.00 MF$ 0.50
TR-67
AD-634 769 12A T 66 15 HC$ 1.00 MF$ 0.50
TR-68
AD-634 770 12A T 66 15 HC$ 1.00 MF$ 0.50
TR-70
AD-634 771 12A T 66 15 HC$ 2.00 MF$ 0.50
TR-71
AD-634 772 12B T 66 15 HC$ 1.00 MF$ 0.50
TR-73
AD-634 773 12A T 66 15 HC$ 1.00 MF$ 0.50
TR-74
AD-634 774 12A T 66 15 HC$ 1.00 MF$ 0.50
TR-761
AD-634 277 21I T 66 15 HC$ 7.00 MF$ 1.25
TR-8
AD-634 533 20K T 66 15 HC$ 2.00 MF$ 0.50
PB-169 897 20I U 41 15 HC$ 4.60 MF$ 0.50
TR-84
AD-489 096 5I U 41 15 HC$ 5.60
TR-9
AD-469 073 11I U 41 15 HC$13.60 MF$ 1.00
AD-634 352 12A T 66 15 HC$ 4.00 MF$ 0.75
TR62-213
AD-294 869 14B U 41 15 HC$ 4.00
TT ->>=>+$#<
AD-634 229 20I T 66 15 HC$ 1.00 MF$ 0.50
TT 66-61490
AD-634 245 20E T 66 15 HC$ 1.00 MF$ 0.50
TT 66-61491
AD-634 246 20E T 66 15 HC$ 1.00 MF$ 0.50
TT 66-61492
AD-634 247 20E T 66 15 HC$ 1.00 MF$ 0.50
TT 66-61493
AD-634 248 20E T 66 15 HC$ 1.00 MF$ 0.50
TT 66-61500
AD-634 284 14B T 66 15 HC$ 1.00 MF$ 0.50
TT 66-61534
AD-634 516 20C T 66 15 HC$ 1.00 MF$ 0.50
TT-61576
AD-634 766 6E T 66 15 HC$ 3.00 MF$ 0.75
TT-62-32379
EURAEC-225 20K U 41 15 HC$ 1.00 MF$ 0.50
TT-66-1470
AD-634 191 1B T 66 15 HC$ 3.00 MF$ 0.75
TT-66-61127
AD-449 910 13D U 41 15 HC$ 1.10
TT-66-61380
AD-479 637 7A U 41 15 HC$ 1.60 MF$ 0.50
TT-66-61381
AD-479 639 7A U 41 15 HC$ 1.60 MF$ 0.50
TT-66-61382
AD-479 670 7D U 41 15 HC$ 1.60 MF$ 0.50
TT-66-61469
AD-634 161 20E T 66 15 HC$ 1.00 MF$ 0.50
TT-66-61471
AD-634 228 7D T 66 15 HC$ 1.00 MF$ 0.50
TT-66-61474
AD-634 231 20E T 66 15 HC$ 1.00 MF$ 0.50
TT-66-61475
AD-634 232 20M T 66 15 HC$ 1.00 MF$ 0.50
TT-66-61489
AD-634 242 8C T 66 15 HC$ 5.00 MF$ 1.00
TT-66-61499
AD-634 275 20D T 66 15 HC$ 2.00 MF$ 0.50
TT-66-61501
AD-634 285 8B T 66 15 HC$ 1.00 MF$ 0.50
TT-66-61502
AD-634 298 7D T 66 15 HC$ 1.10 MF$ 0.50
TT-66-61503
AD-634 307 19D T 66 15 HC$ 1.00 MF$ 0.50
TT-66-61504
AD-634 308 11H T 66 15 HC$ 3.00 MF$ 0.75
TT-66-61505
AD-634 302 20D T 66 15 HC$ 1.00 MF$ 0.50
TT-66-61506
AD-634 320 6A T 66 15 HC$ 1.00 MF$ 0.50
TT-66-61507
AD-634 347 6H T 66 15 HC$ 1.00 MF$ 0.50
TT-66-61508
AD-634 346 6H T 66 15 HC$ 1.00 MF$ 0.50
TT-66-61509
AD-634 377 15C T 66 15 HC$ 3.00 MF$ 0.75
TT-66-61510
AD-634 379 3A T 66 15 HC$ 1.00 MF$ 0.50
TT-66-61511
AD-634 380 8G T 66 15 HC$ 1.00 MF$ 0.50
TT-66-61512
AD-634 397 13G T 66 15 HC$ 4.00 MF$ 0.75
TT-66-61514
AD-634 414 19A T 66 15 HC$ 1.00 MF$ 0.50
TT-66-61515
AD-634 415 7E T 66 15 HC$ 1.00 MF$ 0.50
TT-66-61516
AD-634 416 20K T 66 15 HC$ 1.00 MF$ 0.50
TT-66-61517
AD-634 426 20L T 66 15 HC$ 1.00 MF$ 0.50
TT-66-61533
AD-634 515 20K T 66 15 HC$ 1.00 MF$ 0.50
TT-66-61572
AD-634 589 5D T 66 15 HC$ 1.00 MF$ 0.50
TT-66-61573
AD-634 598 7D T 66 15 HC$ 1.10 MF$ 0.50
TT-66-61574
AD-634 697 11F T 66 15 HC$ 6.00 MF$ 1.25
TT-66-61575
AD-634 715 7D T 66 15 HC$ 1.10 MF$ 0.50
T-185
AD-634 236 5C T 66 15 HC$ 6.00 MF$ 1.50
T-457-R
AD-634 379 3A T 66 15 HC$ 1.00 MF$ 0.50
T-458-R
AD-634 380 8G T 66 15 HC$ 1.00 MF$ 0.50
UCRL-10969 18J U 41 15 HC$ 1.00 MF$ 0.50

UCRL-13160 14B U 41 15 HC$ 3.00
UCRL-13160 14B U 41 15 HC$ 3.00 MF$ 0.75
UCRL-14285 18A U 41 15 HC$ 4.00 MF$ 1.00
UCRL-14359 7D U 41 15 HC$ 1.00 MF$ 0.50
UCRL-14403 20H N 20 12 HC$ 4.00 MF$ 1.00
UCRL-14431 18C U 41 15 HC$ 1.00 MF$ 0.50
UCRL-14450 20H U 41 15 HC$ 2.00 MF$ 0.50
UCRL-14487(REV.1) 18C U 41 15 HC$ 1.00 MF$ 0.50
UCRL-14534 6R U 41 15 HC$ 3.00 MF$ 0.75
UCRL-14538 18- N 20 13 HC$ 3.00 MF$ 0.75
UCRL-14546 12A U 41 15 HC$ 1.00 MF$ 0.50
UCRL-14599 18J U 41 15 HC$ 2.00 MF$ 0.50
UCRL-14602 18D N 20 12 HC$ 1.00 MF$ 0.50
UCRL-14658 6E N 20 12 HC$ 2.00 MF$ 0.50
UCRL-14660 21E U 41 15 HC$ 3.00 MF$ 0.75
UCRL-14697 20G N 20 12 HC$ 1.00 MF$ 0.50
UCRL-14702 18H N 20 13 HC$ 1.00 MF$ 0.50
UCRL-14724 18J N 20 12 HC$ 1.00 MF$ 0.50
UCRL-14739 6R U 41 15 HC$ 5.00 MF$ 1.00
UCRL-16469 20H N 20 12 HC$ 6.00 MF$ 0.75
UCRL-16480 18D U 41 15 HC$ 1.00 MF$ 0.50
UCRL-16492 6A N 20 13 HC$ 3.00 MF$ 0.75
UCRL-16511 18D U 41 15 HC$ 3.00 MF$ 0.75
UCRL-16514 7D U 41 15 HC$ 2.00 MF$ 0.50
UCRL-16553 20G N 20 12 HC$ 1.00 MF$ 0.50
UCRL-16580 18- N 20 13 HC$ 6.00 MF$ 1.50
UCRL-16613 6R U 41 15 HC$ 4.00 MF$ 0.75
UCRL-7644 9B U 41 15 HC$ 4.00 MF$ 1.00
UH-235P5-1 18B U 41 15 HC$ 3.00 MF$ 0.75
UNDEX-475
AD-634 227 13J T 66 15 HC$ 2.00 MF$ 0.50
USA NLABS-FD-48,
AD-634 252 6H T 66 15 HC$ 3.00 MF$ 0.75
USA NLABS-TR-66-38-FD
AD-634 252 6H T 66 15 HC$ 3.00 MF$ 0.75
USAAVLABS-TR-66-23
AD-634 525 19D T 66 15 HC$ 2.00 MF$ 0.50
USAAVLABS-TR-66-46
AD-634 502 1C T 66 15 HC$ 4.00 MF$ 0.75
USAAVLABS-TR-66-47
AD-634 503 1C T 66 15 HC$ 3.00 MF$ 0.50
USA-NLABS-TR-66-21-CM
AD-6 271 6P T 66 15 HC$ 1.00 MF$ 0.50
USA-NL S-TR-66-48-PR
AD-6 720 15E T 66 15 HC$ 3.00 MF$ 0.75
USA-NLABS-66-52-CM
AD-634 728 11J T 66 15 HC$ 2.00 MF$ 0.50
USL-L54
AD-634 249 17A T 66 15 HC$ 1.00 MF$ 0.50
USL-634
AD-456 708 20A U 41 15 HC$ 2.60
USNRDL-TR-1008
AD-634 300 20I T 66 15 HC$ 1.00 MF$ 0.50
USNRDL-TR-1014
AD-634 135 7D T 66 15 HC$ 3.00 MF$ 0.50
USNRDL-TR-832
AD-463 130 18D U 41 15 HC$ 2.60
USNRDL-TR-836
AD-463 222 7E U 41 15 HC$ 1.60
USRL-RR-84
AD-634 707 20A T 66 15
UTIAS-100
AD-634 596 20I T 66 15 HC$ 6.00 MF$ 1.25
UVA-7-P
AD-469 052 21B U 41 15 HC$ 5.60 MF$ 0.50
U-65-21A
AD-462 137 21H U 41 15 HC$13.60
U813-62-030
AD-634 475 9A T 66 15 HC$ 7.60 MF$ 0.75
VESIAC BULL-39
AD-634 215 8K T 66 15 HC$ 1.00 MF$ 0.50
VIDYA-219-PT-1
AD-634 748 14E T 66 15 HC$ 4.00 MF$ 0.75
VU-65-4A
AD-634 137 8K T 66 15 HC$ 4.00 MF$ 1.00
V-3427
N66-15776 6A U 41 15 HC$ 3.00 MF$ 0.75
WAPD-MRP-114 18I U 41 15 HC$ 2.50 MF$ 0.75
WAPD-MRP-115 18I U 41 15 HC$ 4.00 MF$ 0.75
WAPD-TM-455 18J N 20 13 HC$ 5.00 MF$ 1.00
WAPD-TM-483 18I U 41 15 HC$ 3.00 MF$ 0.75
WAPD-292 18J U 41 15 HC$ 3.00 MF$ 0.50
WAPD-301 18J N 20 12 HC$ 3.00 MF$ 0.75
WCAP-3385-5 18H U 41 15 HC$ 4.00 MF$ 0.75
WCAP-3385-6 18J U 41 15 HC$ 2.00 MF$ 0.50
WCAP-6073 18I N 20 13 HC$ 4.00 MF$ 0.75
WCAP-6079 18I U 41 15 HC$ 3.00 MF$ 0.75
WDL-TR-2184
N66-15732 22C U 41 15 HC$ 7.21 MF$ 2.25
WDL-TR-2629 VOL. II
N66-14527 22C U 41 15 HC$ 5.00 MF$ 1.00
WIS-TCI-167
PB-169 910 7D U 41 15 HC$ 1.10 MF$ 0.50
WMSI WORKING PAPER-100
AD-634 448 5C T 66 15 HC$ 1.00 MF$ 0.50
WMSI WORKING PAPER-99
AD-634 483 6D T 66 15 HC$ 2.00 MF$ 0.50
WORKING PAPER-38
N66-14417 5A U 41 15 HC$ 1.00 MF$ 0.50
WRAIR-29-56
PB-169 442 6E U 41 15 HC$ 1.60
WRM-66-49
AD-634 350 5I T 66 15 HC$ 1.00 MF$ 0.50
WTB-66-3
AD-634 595 5I T 66 15 HC$ 1.00 MF$ 0.50
Y-1501 6R U 41 15 HC$ 1.00 MF$ 0.50
Y-1506 18D N 20 12 HC$ 2.00 MF$ 0.50
Y-1508 18J U 41 15 HC$ 2.00 MF$ 0.50
Y-1508 18J U 41 15 HC$ 2.00 MF$ 0.50
Y-1510 18J N 20 12 HC$ 2.00 MF$ 0.50
Y-1531 18G N 20 13 HC$ 3.00 MF$ 0.75
Y-1532 18B N 20 13 HC$ 1.00 MF$ 0.50
00.140
AD-634 514 6D T 66 15 HC$ 8.60 MF$ 0.75
0380
PB-169 495 13B U 41 15 HC$ 1.00 MF$ 0.50
05154-2-T
AD-634 495 13M T 66 15 HC$ 3.00 MF$ 0.75
106-65
AD-474 538 9F U 41 15 HC$ 7.60 MF$ 0.75
1145
AD-634 313 15C T 66 15 HC$ 2.00 MF$ 0.50
1146
AD-634 314 5I T 66 15 HC$ 2.00 MF$ 0.50
122.2
AD-634 546 17A T 66 15 HC$ 2.00 MF$ 0.50
131-65
N66-14577 5B U 41 15 HC$ 1.00 MF$ 0.50
1338
PB-169 955 13J U 41 15 HC$ 2.60
1751-2
AD-427 030 17I U 41 15 HC$ 3.60
1793-3
AD-634 297 20N T 66 15 HC$ 3.00 MF$ 0.75
1921
AD-455 149 14B U 41 15 HC$ 3.60
2-53470/6R-2259
AD-634 530 1E T 66 15 HC$ 6.00 MF$ 1.25
21-65
AD-462 137 21H U 41 15 HC$13.60
2104
AD-634 319 20D T 66 15 HC$ 2.00 MF$ 0.50
256-20
AD-404 621 9D U 41 15 HC$ 1.10
25069
AD-401 457 17B U 41 15 HC$15.60
326-2
AD-402 842 4A U 41 15 HC$ 2.60
3940-1
AD-634 311 17I T 66 15 HC$ 3.00 MF$ 0.75
436-1
AD-420 687 9B U 41 15 HC$ 3.60
4410-79-X
AD-444 492 8K U 41 15 HC$ 6.60
4535-6003-R0000
AD-634 316 20E T 66 15 HC$ 2.00 MF$ 0.50
4563-95-T
AD-470 360 20E U 41 15 HC$ 4.60 MF$ 0.50
466-2
AD-403 653 20I U 41 15 HC$ 5.60
476-5
AD-404 819 9A U 41 15 HC$13.60
523-0556527-001D3M
N66-14528 9F U 41 15 HC$ 7.00 MF$ 1.75
523-0556527-001D3M VOL 2
N66-14530 9F U 41 15 HC$ 5.00 MF$ 1.00
570-A5
AD-634 539 9A T 66 15 HC$ 3.00 MF$ 0.75
59-40
AD-634 716 6C T 66 15 HC$ 1.60 MF$ 0.50
6-76-66-2
AD-634 140 13M T 66 15 HC$ 2.00 MF$ 0.50
6400-15R
AD-457 197 9B U 41 15 HC$ 2.60
6400-16-T
AD-470 360 20E U 41 15 HC$ 4.60 MF$ 0.50
6400-42-T
AD-470 376 20E U 41 15 HC$ 3.60 MF$ 0.50
65-33
N66-14552 20H U 41 15 HC$ 2.00 MF$ 0.50
66-1-RE 18L N 20 12 HC$ 2.00 MF$ 1.75
66-11
AD-634 358 4A T 66 15 HC$ 3.00 MF$ 0.50
66-12
AD-634 359 4A T 66 15 HC$ 3.00 MF$ 0.75
66-30
AD-634 289 6D T 66 15 HC$ 4.00 MF$ 0.75
7048-49
AD-296 036 4B U 41 15 HC$ 4.60
7048-65
AD-402 766 4B U 41 15 HC$ 3.60
7352-1623-PT-4
AD-467 436 15B U 41 15 HC$ 3.60 MF$ 0.50
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AD-634 255 8J T 66 15 HC$ 3.00 MF$ 0.75
7782
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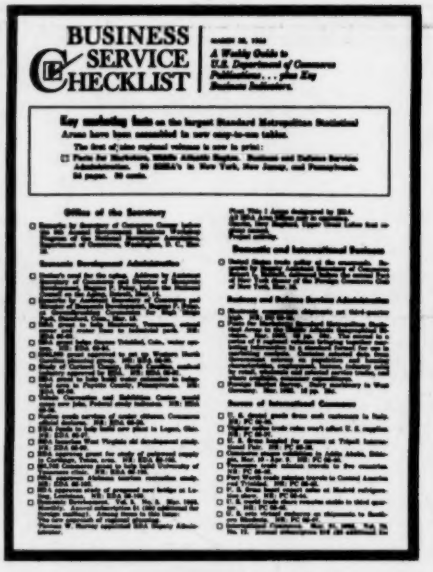

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